APDN Barang

Nama Perusahaan	Hasil Produksi	Jenis Produk	Spesifikasi	TKDN	Kapasitas Produksi	Kategori	Standar	No Sertifikat
ACI CITRA INDONESIA	Chemical	Starch	Appearance: Free flowing powder, White to off white; PH 1% Solution: 6.0 – 9.0; Bulk density: 450 – 800 kg/m3; Moisture Content: max 15%; API filtration loss: max 10 ml; Viscometer dial reading at 600 r/min: in 40 g/l salt water 18 max, in saturated salt water 20 max.	93.22%	2800 Ton/Tahun	Diwajibkan	API Spec 13A	
ACI CITRA INDONESIA	Chemical	Starch High Temperature	Appearance: Free flowing powder, White to off white; PH 1% Solution: 6.0 – 9.0; Bulk density:	92.64%	2800 Ton/Tahun	Diwajibkan	-	

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			500 – 800 kg/m3; Moisture Content: max 15%.					
ACI CITRA IN DONESIA	Chemical	Modified Starch	Merk: ACI FILTROL. Appearance: Free flowing powder, White to off white, non-caking; PH 1% Solution: 6.0 – 9.0; Bulk density: 500 – 800 kg/m3; Moisture Content: max 15%; High performance filtration reducer at high-temps (above 140 °C) in salt and saturated water.	90.09%	2800 Ton/Tahun	Diwajibkan	-	
ACI CITRA IN DONESIA	Chemical	Polyamine	Merk: ACI POLYAMINE. Appearance: Transparent liquid; Specific gravity: 1.0 - 1.15 g/ml; pH Solution:	78.58%	2496 Kiloliter/Tahun	Diwajibkan	-	

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			7.0 – 10.0					
ACI CITRA IN DONESIA	Chemical	Xanthan Gum (XCD Polymer)	Qualitative Determination: No starch/ guar/ derivatives; Moisture: max.13% , Fineness: Less than 425 µm (0.167 in) 95% min, Less than 75 µm 50% max; Viscosity: Rotational viscometer, 300 r/min min 55 dial reading, Rotational viscometer, 6 r/min min 18 dial reading, Rotational viscometer, 3 r/min min 16 dial reading; Low Shear rate viscometer 1.5 r/min: greater than 1950 cP	94.77%	600 Ton/Tahun	Diwajibkan	API Spec 13A	
ADICENTRA AROMETAL	Steel Structures Accesso	Standard Fixing Clips	Pitch 30, Hot Dip Galvanized	56.78%	81900 set/tahun	Diwajibkan	-	

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	ries		Mild Steel					
ADICENTRA AROMETAL	Steel Structures Accessories	Hook Screw	U-200, Pitch 30, Hot Dip Galvanized Mild Steel	43.96%	109200 set/tahun	Diwajibkan	-	
ADICENTRA AROMETAL	Steel Structures	Steel Grating	Forged Welded, Galvanized, Bearing Bar 25x5mm, Pitch 30x 101mm	28.89%	27000 m2/tahun	Dimaksimalkan	-	
ADICENTRA AROMETAL	Steel Structures	Steel Grating	Forged Welded, Galvanized, Bearing Bar 32x5mm, Pitch 30x 101mm	28.55%	27000 m2/tahun	Dimaksimalkan	-	
ADICENTRA AROMETAL	Grating/Metal Grills	-Forged Welded Gratings/ Metal Grills; -Perforated Metal Planks- Handrail	-XSP 525-30/101-5 (Bearing Bar 25x5, Pitch 30x 101)'-XSP 532-30/101-5 (Bearing Bar 32x5, Pitch 30x101)	28.54%	54.000 m2/years	Diberdayakan	EN 10025 ASTM A123	
AREZDA PURNAMA LOKA	Gaskets	Spiral Wound Gasket	Size : 1/2" s/d 60" Class : 150 - 2500 PSi Type : Basic, OR(Outer Ring Type), IR (Inner Ring	21.76%	4.225.500 pcs/th	Diberdayakan	ASME B16.20	-

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			Type), OIR (Outer - Inner Ring Type) Thk : 4.5mm Hoop : SS 304,SS31 6,. Filler : Graphite Outer Ring : CS, SS304,SS 316. Inner Ring : CS, SS304,SS 316.					
AREZDA PURNAM A LOKA	Gaskets	Ring Joint Gasket	Ring No : R11 s/d R105 Type : Solid Metal Gasket (Oval & O ctagonal) , Solid Metal Gasket (RX Type), BX Type, Flat Type Material : Soft Iron, Low Carbon Steel, SS304, SS321, Copper, A luminium , SS347, SS316	51.00%	4.225.50 0 Pcs/th	Diwajibka n	ASME B16.20	-
AREZDA PURNAM A LOKA	Gaskets	Insulating Unit Gasket	Type : -RF - FF - D Gasket	-	4.225.50 0 pcs/th	Diberday akan	ASME B16.20	-

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			: Phenolic Neoprane Size : 1/2 " s/d 60" Rating : 150 s/d 2500PSi					
AREZDA PURNAMA LOKA	Gaskets	Heat Exchanger Gasket	Type : HE.1 s/d HE.28 Thk : 3mm Material : Soft Iron, Low Carbon Steel, Copper, Aluminium .	-	4.225.500 Pcs/th	Diberdayakan	ASME VIII.Div. 1&2	35992
AREZDA PURNAMA LOKA	Gaskets	Corrugated Metal Gasket	Application : Heat Exchanger , Autoclave, Boiler, etc Service Temperature : Up to 530C Service Pressure : Up to 60Kgf / cm2 To Seal : Steam, Water, Hot Water, Hydrocarbon, Lubricants, Organic Solvents, Cryogenic lines.	-	4.225.500pcs/th	Diberdayakan	ASME 16.20	-
AREZDA	Gaskets	Envelope	Material :	-	4.225.50	Diberday	ASME	-

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PURNAMA LOKA		Gasket	PTFE, Asbestos Size : 1/2 " s/d 60" Service Temperatur : Up to 220C Service Pressure : Up to 25 Kgf/cm2		0pcs/th	akan	B16.21	
AREZDA PURNAMA LOKA	Gaskets	Compressed Fiber Jointing Sheet	Type : - Acid Resistance - High Temperature Resistance -Wire Reinforce with Graphite both side. Size : -1.5m x 2m xT 0.5 s/d 5mm - 1.27m x 3.81m x T 0.5 s/d 5mm	21.33%	270.000 Sheet/th	Diberdayakan	ASME B 16.21	-
AREZDA PURNAMA LOKA	Gaskets	Gasket Ring (Flat Ring)	Size : 1" s/d 60 " Material : Non Asbestos & Asbestos, Neoprene , PTFE. Thk : 1 s/d 3mm	25.33%	270.000pcs/th	Dimaksimalkan	ASME B 16 .21	-
AREZDA PURNAMA LOKA	Tubing	Finned Tube / Studded Tube	Type : - ERW Type - L Type - KL Type - LL Type - E	65.47%	100.000pcs/th	Diwajibkan	ASTM A450	-

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			mbedded Type - G Type - Extruded Type - low Fintube - Longitudinal Material Tube & Pipe : - CS, SS304, SS316, A213T5, T11, Copper, Cuni, Titanium, A335P5, A335P9, Alloy Material Fin : - Aluminium, CS, SS304, SS316, Alloy. Size Tube & Pipe : - OD 3/4 " s/d 8" (Or Special Request)					
AREZDA PURNAMA LOKA	Tubing	Seamless Tube	Type : Ferrouse & Non Ferrous Size : - Tube OD : 0.5" To 3" Thk : - 0.8 - 4.5mm Tube Lenght up to	-	1440 ton/th	Diberdayakan	ASTM A450	-

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			16m Tube Material : - Carbon Steel(CS) : SA179. SA192. SA210 - Ferritic / Austeniti c, Alloy : S-213. SA268 - Copper Alloy : SB-111 - Titanium : SB-338 Aluminiu m : Various					
AREZDA PURNAM A LOKA	Casing-Tubing A ccessorie s	Tube Protector	Tube Protector Material : - Metal dan Non Metal, Nylon, Po lyamide, Ploypropylenedan PTFE (Teflon). Size : 5/8 " x 18BWG 5/8" x 16BWG 3/4" x 18BWG 3/4" x 16BWG 7/8" x 18BWG 1" x 18BWG 1" x 16BWG 1" x 14BWG	-	4.225.500 pcs/th	Diberdayakan	ASTM A450	-

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			1" x 10BWG 2"x 8BWG					
AREZDA PURNAMA LOKA	Casing-Tubing Accessories	Tube Plug	Material : - Brass, SS316, Alloy R-045, CS. - Alloy 600 dan Nikel Bisa sesuai Permintaan. Size : - Tube OD 1/2" s/d 1" Tube Wall Gauge: - 11 to 20 Lenght : - 1.55 s/d 2.11 Diamater : - 280 s/d 871	-	4.225.500 pcs/th	Diberdayakan	ASTM A450	-
AREZDA PURNAMA LOKA	Heat Exchanger	Shell & Tube Heat Exchanger	Type : - Straight Tube - u-Tube Diameter : 300mm s/d 3000mm Panjang : 12000mm	33.38%	100 unit/th	Dimaksimalkan	ASME VIII. Div. 1 & Div.2	35992
AREZDA PURNAMA LOKA	Heat Exchanger	Air Cooled Heat Exchanger	Type : - Individual Type. - Compact Type Lebar 300mm s/d 4000mm Panjang	-	100unit/th	Diberdayakan	ASME VIII. Div 1 & Div 2	35992

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			2500mm s/d 12000mm					
AREZDA PURNAMA LOKA	Pressure Vessel	Pressure Vessel	Vessel Assy Type : Vertical Size : ID 1700mm. L 4100mm. Thk.7mm Material : SA 516 Gr 70	-	100 unit / th	Diberdayakan	ASME VIII . Div 1&2	35992
ARTAS ENERGI PETROGAS	Casing	Casing-Green Pipe	Size : 4 1/2", 5", 5 1/2", 6 5/8" , 7" , 7 5/8", 8 5/8", 9 5/8", 10 3/4", 11 3/4", 13 3/8", Grade : H40, J55, K55,, PSL : - Length : R1, R2, R3, End Pipe : Plain End (PE), Proses : Hot Rolling Mill (HRM) - Non Heat Treatment (Non-HT)	42.28%	60000 ton/tahun	Diwajibkan	API 5CT	5CT-2221
ARTAS ENERGI PETROGAS	Casing	Casing	Size : 4 1/2", 5", 5 1/2", 6 5/8" , 7" , 7 5/8", 8	51.47%	30000 TON/TAHUN	Diwajibkan	API 5CT	5CT-2221

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			5/8", 9 5/8", 10 3/4", 11 3/4", 13 3/8", Grade : N 80/N80Q, L80, C90, R95, T95, P110, Q125, PSL : -, Length : R1, R2, R3, End Pipe : Plain End (PE), Proses : Hot Rolling Mill (HRM) - Heat Treatment (HT)					
ARTAS ENERGI PETROGAS	Pipe	Seamless Line Pipe	Size : 4", 5", 6" 8", 10", 12", Grade :A, Gr. B, X42, X46, X52, X56, ASTM A106, Gr. A, B, C, A53 Gr. B, ASME SA106 Gr. A, B, C, PSL :PSL 1, PSL 2, Length : SRL, DRL, End Pipe : Plain End (PE), Bevel End (BE),	44.83%	40000 TON/TAHUN	Diwajibkan	API 5L	5L-1222

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			Proses : Hot Rolling Mill (HRM) - Non Heat Treatment (Non-HT)					
ARTAS ENERGI PETROGAS	Pipe	Seamless Line Pipe	Size : 4", 5", 6" 8", 10", 12", Grade :BQ, X42N/Q, X46N/Q, X52N/Q, X56N/Q, X60N/Q/QO/QP, X65Q/QO/QP, ASTM A106, Gr. B, C, A53 Gr. B, A333 Gr. 6, ASME SA106 Gr. B, PSL :PSL 1, PSL 2, Length : SRL, DRL, End Pipe : Plain End (PE), Bevel End (BE), Proses : Hot Rolling Mill (HRM) - Heat treatment (HT)	50.91%	30000 TON/TAHUN	Diwajibkan	API 5L	5L-1222
ARTAS ENERGI PETROGAS	Casing	Casing	Size : 4 1/2", 5", 5 1/2", 6 5/8" , 7" ,	35.53%	30000 TON/TAHUN	Dimaksimalkan	API 5CT	5CT-2221

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			7 5/8", 8 5/8", 9 5/8", 10 3/4", 11 3/4", 13 3/8" Grade : N 80/N80Q, L80, C90, R95, T95, P110, Q125, PSL : -, Length : R1, R2, R3, End Pipe : Plain End (PE) Proses : Heat Treatment (HT)					
ARTAS ENERGI PETROGAS	Pipe	Seamless Line Pipe	Size : 4", 5", 6" 8", 10", 12", Grade :BQ, X42N/Q, X46N/Q, X52N/Q, X56N/Q, X60N/Q/QO/QP, X65Q/QO/QP, ASTM A106, Gr. B, C, A53 Gr. B, A333 Gr. 6, ASME SA106 Gr. B, PSL :PSL 1, PSL 2, Length : SRL, DRL, End Pipe : Plain End (PE),	31.68%	30000 TON/TAHUN	Dimaksimalkan	API 5L	5L-1222

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			Bevel End (BE), Proses : Heat Treatment (HT)					
ARTAS ENERGI PETROGAS	Casing	Casing Green Pipe	As rolled, Non-Heat Treatment Size: 5 1/2", 6 5/8", 7", 7 5/8", 8 5/8", 9 5/8", 10 3/4", 11 3/4", 13 3/8" API Grade: K55, J55 Specification Level: PSL 1 dan PSL 2 Lenght R1, R2, R3	31.96%	60.000 ton/ tahun	Dimaksimalkan	API 5CT	5CT-2221
ARTAS ENERGI PETROGAS	Casing	Casing	Heat Treatment Size: 5 1/2", 6 5/8", 7", 7 5/8", 8 5/8", 9 5/8", 10 3/4", 11 3/4", 13 3/8" API 5CT Grade: N80, L80, N/L 80, P110 Specification Level: PSL 1, PSL 2 Length R1, R2, R3	42.37%	30.000 ton/ tahun	Diwajibkan	API 5CT	5CT-2221

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ARTAS ENERGI PETROGAS	Pipe	Line Pipe	Non-Heat Treatment Size : 5", 6", 8", 10", 12" A53/A106 Specification Level: PSL 1, PSL 2 Length: SRL, DRL	34.91%	40.000 ton/ tahun	Dimaksimalkan	API 5L	API 5L-1222
ARTAS ENERGI PETROGAS	Pipe	Line pipe	Heat Treatment Size: 5", 6", 8", 10", 12" Grade : X42N/X42Q, X46N/X46Q, X52N/X52Q, X56N/X56Q, X60N/X60Q, X65N/X65Q, A333/A335 Specification Level: PSL 1, PSL 2 Length: SRL, DRL	44.79%	30.000 ton/ tahun	Diwajibkan	API 5L	5L-1222
Asia Karya Ekametal	Bolts_and_Nuts	Studbolts & Nuts	Size : 1/2" - 2" Material : ASTM A193 Gr. B7 & ASTM A194 Gr. 2H Coating : Plain/No Coating	28.98%	240 Ton/Tahun	Dimaksimalkan	ASTM B1.1, ASME B18.2.2	
Asia Karya Ekametal	Bolts_and_Nuts	Studbolts & Nuts	Size : 1/2" - 2" Material :	25.73%	240 Ton/Tahun	Dimaksimalkan	ASME B1.1, ASME	

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			ASTM A913 Gr. B7 & ASTM A194 Gr. 2H Coating : Zinc Coating				B18.2.2	
Asia Karya Ekametal	Bolts_and_Nuts	Studbolts & Nuts	Size : 1/2" - 2" Material : ASTM A193 Gr. B7M & ASTM A194 Gr. 2HM Coating : Plain/No Coating	31.28%	240 Ton/Tahun	Dimaksimalkan	ASME B1.1, ASME B18.2.2	
Asia Karya Ekametal	Bolts_and_Nuts	Studbolts & Nuts	Size : 1/2" - 1-1/2" Material : ASTM A193 Gr. B8 & ASTM A194 Gr. 8 Coating : Plain/No Coating	26.40%	240 Ton/Tahun	Dimaksimalkan	ASME B1.1, ASME B18.2.2	
Asia Karya Ekametal	Bolts_and_Nuts	Studbolts & Nuts	Size : 1/2" - 1-1/2" Material : ASTM A193 Gr. B8m & ASTM A194 Gr. 8M Coating : Plain/No Coating	27.52%	240 Ton/Tahun	Dimaksimalkan	ASME B1.1, ASME B18.2.2	
Asia Karya	Bolts_and_Nuts	Studbolts & Nuts	Size : 1/2" - 2"	26.63%	240 Ton/Tahu	Dimaksimalkan	ASME B1.1,	

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Ekametal			Material : ASTM A320 Gr. L7 & ASTM A194 Gr. 7L Coating : Plain/No Coating		n		ASME B18.2.2	
Asia Karya Ekametal	Bolts_and_Nuts	Studbolts & Nuts	Size : 1/2" - 2" Material : ASTM A320 Gr. L7M & ASTM A194 Gr. 7LM Coating : Plain/No Coating	29.20%	240 Ton/Tahun	Dimaksimalkan	ASME B1.1, ASME B.18.2.2	
Asia Karya Ekametal	Bolts_and_Nuts	Studbolts & Nuts	Size : 1/4"(M6) - 4"(M100) Material : Bolts : A193 Gr. B7/B7M/B16 A320 Gr. L7/L7M/L43, Nuts : Gr. 2H/2HM/4L/4LM/7L/7LM/A563/3/2 Coating : Plain/No Coating	25.51%	240 Ton/Tahun	Dimaksimalkan	ASME B1.1, ASME B18.2.2	
Asia Karya Ekametal	Bolts_and_Nuts	Studbolts & Nuts	Size : 1/4"(M6) - 4"(M100) Material : Bolts : A193 Gr. B7/B7M/B	28.33%	240 Ton/Tahun	Dimaksimalkan	ASME B.1.1, ASME B18.2.2	

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			16 A320 Gr. L7/L7 M/L43, Nuts : Gr. 2H/2HM/4 L/4LM/7L/ 7LM/A56 3/3/2 Coating : Cadmium Coated					
Asia Karya Ekametal	Bolts_and _Nuts	Studbolts & Nuts	Size : 1/4"(M6) - 4"(M100) Material : Bolts : A193 Gr. B7/B7M/B 16 A320 Gr. L7/L7 M/L43, Nuts : Gr. 2H/2HM/4 L/4LM/7L/ 7LM/A56 3/3/2 Coating : Zinc, Zn Ni Coated	25.51%	240 Ton/Tahu n	Dimaksi malkan	ASME B1.1, ASME B18.2.2	
Asia Karya Ekametal	Bolts_and _Nuts	Studbolts & Nuts	Size : 1/4"(M6) - 4"(M100) Material : Bolts : A193 Gr. B7/B7M/B 16 A320 Gr. L7/L7 M/L43, Nuts : Gr. 2H/2HM/4 L/4LM/7L/ 7LM/A56 3/3/2 Coating : Hot Dip G alvanized Coated	32.15%	240 Ton/Tahu n	Dimaksi malkan	ASME B1.1, ASME B18.2.2	

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Asia Karya Ekametal	Bolts_and_Nuts	Studbolts & Nuts	Size : 1/4"(M6) - 4"(M100) Material : Bolts : A193 Gr. B7/B7M/B16 A320 Gr. L7/L7M/L43, Nuts : Gr. 2H/2HM/4L/4LM/7L/7LM/A563/3/2 Coating : PTFE/Fluorocarbon/Fluoropolymer Coated	32.16%	240 Ton/Tahun	Dimaksimalkan	ASME B1.1, ASME B18.2.2	
Asia Karya Ekametal	Bolts_and_Nuts	Studbolts & Nuts	Size : 1/4"(M6) - 4"(M100) Material : Bolts : F1554 Gr. 36/55/105; A307 Gr. A/B/C; A36 A325/F3125, Nuts : Gr. 2H/2HM/4L/4LM/7L/7LM/A563/3/2 Coating : Plain/No Coating	25.79%	240 Ton/Tahun	Dimaksimalkan	ASME B1.1, ASME B18.2.2	
Asia Karya Ekametal	Bolts_and_Nuts	Studbolts & Nuts	Size : 1/4"(M6) - 4"(M100) Material : Bolts : F1554 Gr.	32.30%	240 Ton/Tahun	Dimaksimalkan	ASME B1.1, ASME B18.2.2	

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			36/55/105; A307 Gr. A/B/C; A36 A325/F3125, Nuts : Gr. 2H/2HM/4L/4LM/7L/7LM/A563/3/2 Coating : Cadmium Coated					
Asia Karya Ekametal	Bolts_and_Nuts	Studbolts & Nuts	Size : 1/4"(M6) - 4"(M100) Material : Bolts : F1554 Gr. 36/55/105; A307 Gr. A/B/C; A36 A325/F3125, Nuts : Gr. 2H/2HM/4L/4LM/7L/7LM/A563/3/2 Coating : Zinc, Zn Ni Coated	25.93%	240 Ton/Tahun	Dimaksimalkan	ASME B1.1, ASME B18.2.2	
Asia Karya Ekametal	Bolts_and_Nuts	Studbolts & Nuts	Size : 1/4"(M6) - 4"(M100) Material : Bolts : F1554 Gr. 36/55/105; A307 Gr. A/B/C; A36 A325/F3125, Nuts : Gr. 2H/2HM/4L/4LM/7L/7LM/A563/3/2	29.51%	240 Ton/Tahun	Dimaksimalkan	ASME B1.1, ASME B18.2.2	

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			Coating : Hot Dip Galvanized Coated					
Asia Karya Ekametal	Bolts_and_Nuts	Studbolts & Nuts	Size : 1/4"(M6) - 4"(M100) Material : Bolts : F1554 Gr. 36/55/105; A307 Gr. A/B/C; A36 A325/F3125, Nuts : Gr. 2H/2HM/4L/4LM/7L/7LM/A563/3/2 Coating : PTFE/Fluorocarbon/Fluoropolymer Coated	29.81%	240 Ton/Tahun	Dimaksimalkan	ASME B1.1, ASME B18.2.2	
Asia Karya Ekametal	Bolts_and_Nuts	Studbolts & Nuts	Size : 1/4(M6) - 4"(M100) Material : Bolts : A193 Gr. B8/B8M/B8T/B6/SS310/SS321, Nuts : Gr. 8/8A/8M/8MA/8T/8TA/8C/8CA/6/347 Coating : Plain/No Coating	28.40%	240 Ton/Tahun	Dimaksimalkan	ASME B1.1, ASME B18.2.2	
Asia Karya Ekametal	Bolts_and_Nuts	Studbolts & Nuts	Size : 1/4(M6) - 4"(M100) Material :	28.78%	240 Ton/Tahun	Dimaksimalkan	ASME B1.1, ASME B18.2.2	

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			Bolts : A193 Gr. B8/B8M/B8T/B6/SS310/SS321, Nuts : Gr. 8/8A/8M/8MA/8T/8TA/8C/8CA/6/347 Coating : PTFE/Fluorocarbon/Fluoropolymer Coated					
Asia Karya Ekametal	Bolts_and_Nuts	U-Bolts & Nuts	Size : 1/2" - 36" Material : Bolts : A193 Gr. B7/B7M/B16/B6/B5; A320 Gr. L7/L7M/L43; Nuts : A194 Gr. 2H/2HM/2/3/4; A563 Gr. A/B/DH; ISO 898-2 Class 8/4/5/10/6. With or without (PTFE Pad/Base Cork, Protective Sleeve/Insulated, Washer) Coating : PTFE/Fluorocarbon/Fluoropolymer Coated	37.67%	120 Ton/Tahun	Dimaksimalkan	MSSP SP 58	

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Asia Karya Ekametal	Bolts_and_Nuts	U-Bolts & Nuts	Size : 1/2" - 36" Material : Bolts : A193 Gr. B7/B7M/B16/B6/B5; A320 Gr. L7/L7M/L43; Nuts : A194 Gr. 2H/2HM/2/3/4; A563 Gr. A/B/DH; ISO 898-2 Class 8/4/5/10/6. With or without (PTFE Pad/Base Cork, Protective Sleeve/Insulated, Washer) Coating : Hot Dip Galvanized Coated	34.22%	120 Ton/Tahun	Dimaksimalkan	MSS SP 58	
Asia Karya Ekametal	Bolts_and_Nuts	U-Bolts & Nuts	Size : 1/2" - 36" Material : Bolts : A193 Gr. B7/B7M/B16/B6/B5; A320 Gr. L7/L7M/L43; Nuts : A194 Gr. 2H/2HM/2/3/4; A563 Gr. A/B/DH; ISO 898-2 Class 8/4/5/10/6. With or	28.36%	120 Ton/Tahun	Dimaksimalkan	MSS SP 58	

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			without (PTFE Pad/Base Cork, Protective Sleeve/Insulated, Washer) Coating : Plain/No Coated					
Asia Karya Ekametal	Bolts_and_Nuts	U-Bolts & Nuts	Size : 1/2" - 36" Material : Bolts : A193 Gr. B7/B7M/B16/B6/B5; A320 Gr. L7/L7M/L43; Nuts : A194 Gr. 2H/2HM/2/3/4; A563 Gr. A/B/DH; ISO 898-2 Class 8/4/5/10/6. With or without (PTFE Pad/Base Cork, Protective Sleeve/Insulated, Washer) Coating : Zinc, Zn Ni Coated	27.31%	120 Ton/Tahun	Dimaksimalkan	MSS SP 58	
Asia Karya Ekametal	Bolts_and_Nuts	U-Bolts & Nuts	Size : 1/2" - 36" Material : Bolts : A193 Gr. B7/B7M/B16/B6/B5; A320 Gr. L7/L7M/L	27.74%	120 Ton/Tahun	Dimaksimalkan	MSS SP 58	

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			43; Nuts : A194 Gr. 2H/2HM/2/3/4; A563 Gr. A/B/DH; ISO 898-2 Class 8/4/5/10/6. With or without (PTFE Pad/Base Cork, Protective Sleeve/Insulated, Washer) Coating : Cadmium Coated					
Asia Karya Ekametal	Bolts_and_Nuts	U-Bolts & Nuts	Size : 1/2" - 36" Material : Bolts : F1554 Gr. 36/55/105; A307 Gr. A/B/C; A325/F3125; A36; ISO 898-1 Class 8.8/10.9/4.6/5.6 JIS G3101 SS400/SS310, Nuts : A194 Gr. 2H/2HM/2/3/5; A563 Gr. A/B/DH; ISO 898-2 Class 8/4/5/10/6 With or without (PTFE Pad/Base	30.41%	120 Ton/Tahun	Dimaksimalkan	MSS SP 58	

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			Cork, Protective Sleeve/Insulated, Washer) Coating : Cadmium Coated					
Asia Karya Ekametal	Bolts_and_Nuts	U-Bolts & Nuts	Size : 1/2" - 36" Material : Bolts : F1554 Gr. 36/55/105; A307 Gr. A/B/C; A325/F3125; A36; ISO 898-1 Class 8.8/10.9/4.6/5.6 JIS G3101 SS400/SS310, Nuts : A194 Gr. 2H/2HM/2/3/5; A563 Gr. A/B/DH; ISO 898-2 Class 8/4/5/10/6 With or without (PTFE Pad/Base Cork, Protective Sleeve/Insulated, Washer) Coating : PTFE/Fluorocarbon/Fluoropolymer Coated	36.91%	120 Ton/Tahun	Dimaksimalkan	MSS SP 58	
Asia Karya	Bolts_and_Nuts	U-Bolts & Nuts	Size : 1/2" - 36"	36.26%	120 Ton/Tahu	Dimaksimalkan	MSS SP 58	

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Ekametal			Material : Bolts : F1554 Gr. 36/55/105; A307 Gr. A/B/C; A325/F3125; A36; ISO 898-1 Class 8.8/10.9/4.6/5.6 JIS G3101 SS400/SS310, Nuts : A194 Gr. 2H/2HM/2/3/5; A563 Gr. A/B/DH; ISO 898-2 Class 8/4/5/10/6 With or without (PTFE Pad/Base Cork, Protective Sleeve/Insulated, Washer) Coating : Hot Dip Galvanized Coated		n			
Asia Karya Ekametal	Bolts_and_Nuts	U-Bolts & Nuts	Size : 1/2" - 36" Material : Bolts : F1554 Gr. 36/55/105; A307 Gr. A/B/C; A325/F3125; A36; ISO 898-1 Class 8.8/10.9/4.6/5.6 JIS	31.23%	120 Ton/Tahun	Dimaksimalkan	MSS SP 58	

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			G3101 SS 400/SS310, Nuts : A194 Gr. 2H/2HM/2/3/5; A563 Gr. A/B/DH; ISO 898-2 Class 8/4/5/10/6 With or without (PTFE Pad/Base Cork, Protective Sleeve/Insulated, Washer) Coating : Plain/No Coated					
Asia Karya Ekametal	Bolts_and_Nuts	U-Bolts & Nuts	Size : 1/2" - 36" Material : Bolts : F1554 Gr. 36/55/105; A307 Gr. A/B/C; A325/F3125; A36; ISO 898-1 Class 8.8/10.9/4.6/5.6 JIS G3101 SS 400/SS310, Nuts : A194 Gr. 2H/2HM/2/3/5; A563 Gr. A/B/DH; ISO 898-2 Class 8/4/5/10/6 With or without	28.57%	120 Ton/Tahun	Dimaksimalkan	MSS SP 58	

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			(PTFE Pad/Base Cork, Protective Sleeve/Insulated, Washer) Coating : Zinc, Zn Ni Coated					
Asia Karya Ekametal	Bolts_and_Nuts	U-Bolts & Nuts	Size : 1/2" - 36" Material : Bolts : A320 Gr. B8M/B8, Nuts : A320 Gr. 4L/4LM/7L/7LM With or without (PTFE Pad/Base Cork, Protective Sleeve/Insulated, Washer) Coating : Cadmium Coated	25.80%	120 Ton/Tahun	Dimaksimalkan	MSS SP 58	
Asia Karya Ekametal	Bolts_and_Nuts	U-Bolts & Nuts	Size : 1/2" - 36" Material : Bolts : A320 Gr. B8M/B8, Nuts : A320 Gr. 4L/4LM/7L/7LM With or without (PTFE Pad/Base Cork, Protective Sleeve/Insulated,	29.48%	120 Ton/Tahun	Dimaksimalkan	MSS SP 58	

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			Washer) Coating : PTFE/Fluorocarbon/ Fuoropolymer Coated					
Asia Karya Ekametal	Bolts_and_Nuts	U-Bolts & Nuts	Size : 1/2" - 36" Material : Bolts : A320 Gr. B8M/B8, Nuts : A320 Gr. 4L/4LM/7L/7LM With or without (PTFE Pad/Base Cork, Protective Sleeve/Insulated, Washer) Coating : Hot Dip Galvanized Coated	27.32%	120 Ton/Tahun	Dimaksimalkan	MSS SP 58	
Asia Karya Ekametal	Bolts_and_Nuts	U-Bolts & Nuts	Size : 1/2" - 36" Material : Bolts : A320 Gr. B8M/B8, Nuts : A320 Gr. 4L/4LM/7L/7LM With or without (PTFE Pad/Base Cork, Protective Sleeve/Insulated, Washer) Coating :	25.72%	120 Ton/tahun	Dimaksimalkan	MSS SP 58	

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			Plain/No Coated					
Asia Karya Ekametal	Bolts_and_Nuts	U-Bolts & Nuts	Size : 1/2" - 36" Material : Bolts : A320 Gr. B8M/B8, Nuts : A320 Gr. 4L/4LM/7L/7LM With or without (PTFE Pad/Base Cork, Protective Sleeve/Insulated, Washer) Coating : Zinc, Zn Ni Coated	26.44%	120 Ton/tahun	Dimaksimalkan	MSS SP 58	
Asia Karya Ekametal	Bolts_and_Nuts	Double End Thread/Anchor Bolt	Size : 1/4"(M6) - 4"(M100) Material : Bolts : A193 Gr. B7/B7M/B16; A320 Gr. L7/L7M/L43, Nuts : A194 Gr. 2H/2HM/2/3; A320 Gr. 4L/4LM/7L/7LM ; A563 Gr. A/B/DH. With or without accessories (Anchor Sleeve/Insulated,	26.44%	240 Ton/Tahun	Dimaksimalkan	ASME B18.2.1, BS1769, ASME B18.2.3.6M	

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			Washer) Coating : Cadmium Coated					
Asia Karya Ekametal	Bolts_and_Nuts	Double End Thread/Anchor Bolt	Size : 1/4"(M6) - 4"(M100) Material : Bolts : A193 Gr. B7/B7M/B16; A320 Gr. L7/L7M/L43, Nuts : A194 Gr. 2H/2HM/2/3; A320 Gr. 4L/4LM/7L/7LM; A563 Gr. A/B/DH. With or without accessories (Anchor Sleeve/Insulated, Washer) Coating : PTFE/Fluorocarbon/Fluoropolymer Coated	29.70%	240 Ton/Tahun	Dimaksimalkan	ASME B18.2.1, BS1769, ASME B18.2.3.6M	
Asia Karya Ekametal	Bolts_and_Nuts	Double End Thread/Anchor Bolt	Size : 1/4"(M6) - 4"(M100) Material : Bolts : A193 Gr. B7/B7M/B16; A320 Gr. L7/L7M/L43, Nuts : A194 Gr.	31.03%	240 Ton/Tahun	Dimaksimalkan	ASME B18.2.1, BS1769, ASME B18.2.3.6M	

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			2H/2HM/2/3; A320 Gr. 4L/4LM/7L/7LM; A563 Gr. A/B/DH. With or without accessories (Anchor Sleeve/Insulated, Washer) Coating : Hot Dip Galvanized Coated					
Asia Karya Ekametal	Bolts_and_Nuts	Double End Thread/Anchor Bolt	Size : 1/4"(M6) - 4"(M100) Material : Bolts : A193 Gr. B7/B7M/B16; A320 Gr. L7/L7M/L43, Nuts : A194 Gr. 2H/2HM/2/3; A320 Gr. 4L/4LM/7L/7LM; A563 Gr. A/B/DH. With or without accessories (Anchor Sleeve/Insulated, Washer) Coating : Plain/No Coated	28.73%	240 Ton/Tahun	Dimaksimalkan	ASME B18.2.1, BS1769, ASME B18.2.3.6M	
Asia Karya	Bolts_and_Nuts	Double End Thre	Size : 1/4"(M6)	26.11%	240 Ton/Tahu	Dimaksimalkan	ASME B18.2.1,	

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Ekametal		ad/Anchor Bolt	- 4"(M100) Material : Bolts : A193 Gr. B7/B7M/B16; A320 Gr. L7/L7M/L43, Nuts : A194 Gr. 2H/2HM/2/3; A320 Gr. 4L/4LM/7L/7LM ; A563 Gr. A/B/DH. With or without accessories (Anchor Sleeve/Insulated, Washer) Coating : Zinc, Zn Ni Coated		n		BS1769, ASME B18.2.3.6M	
Asia Karya Ekametal	Bolts and Nuts	Double End Thread/Anchor Bolt	Size : 1/4"(M6) - 4"(M100) Material : Bolts : F1554 Gr. 36/55/105; A307 Gr. A/B/C; A325/F3125 Type 1; A36, SS400 Mild Steel, Nuts : A194 Gr. 2H/2HM/2/3; A320 Gr. 4L/4LM/7L/7LM	25.99%	240 TOn/ Tahun	Dimaksimalkan	ASME B18.2.1, BS1769, ASME B18.2.3.6M	

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			; A563 Gr. A/B/DH. With or without accessories (Anchor Sleeve/Insulated, Washer) Coating : Cadmium Coated					
Asia Karya Ekametal	Bolts and Nuts	Double End Thread/Anchor Bolt	Size : 1/4"(M6) - 4"(M100) Material : Bolts : F1554 Gr. 36/55/105; A307 Gr. A/B/C; A325/F3125 Type 1; A36, SS400 Mild Steel, Nuts : A194 Gr. 2H/2HM/2/3; A320 Gr. 4L/4LM/7L/7LM ; A563 Gr. A/B/DH. With or without accessories (Anchor Sleeve/Insulated, Washer) Coating : PTFE/Fluorocarbon/Fluoropolymer	30.40%	240 Ton/Tahun	Dimaksimalkan	ASME B18.2.1, BS1769, ASME B18.2.3.6M	

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			Coated					
Asia Karya Ekametal	Bolts_and_Nuts	Double End Thread/Anchor Bolt	Size : 1/4"(M6) - 4"(M100) Material : Bolts : F1554 Gr. 36/55/105; A307 Gr. A/B/C; A325/F3125 Type 1; A36, SS400 Mild Steel, Nuts : A194 Gr. 2H/2HM/2/3; A320 Gr. 4L/4LM/7L/7LM; A563 Gr. A/B/DH. With or without accessories (Anchor Sleeve/Insulated, Washer) Coating : Hot Dip Galvanized Coated	30.36%	240 Ton/Tahun	Dimaksimalkan	ASME B18.2.1, BS1769, ASME B18.2.3.6M	
Asia Karya Ekametal	Bolts_and_Nuts	Double End Thread/Anchor Bolt	Size : 1/4"(M6) - 4"(M100) Material : Bolts : F1554 Gr. 36/55/105; A307 Gr. A/B/C; A325/F3125 Type 1; A36,	29.97%	240 Ton/Tahun	Dimaksimalkan	ASME B18.2.1, BS1769, ASME B18.2.3.6M	

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			SS400 Mild Steel, Nuts : A194 Gr. 2H/2HM/2/3; A320 Gr. 4L/4LM/7L/7LM; A563 Gr. A/B/DH. With or without accessories (Anchor Sleeve/Insulated, Washer) Coating : Plain/No Coated					
Asia Karya Ekametal	Bolts_and_Nuts	Double End Thread/Anchor Bolt	Size : 1/4"(M6) - 4"(M100) Material : Bolts : F1554 Gr. 36/55/105; A307 Gr. A/B/C; A325/F3125 Type 1; A36, SS400 Mild Steel, Nuts : A194 Gr. 2H/2HM/2/3; A320 Gr. 4L/4LM/7L/7LM; A563 Gr. A/B/DH. With or without accessorie	26.72%	240 Ton/Tahun	Dimaksimalkan	ASME B18.2.1, BS1769, ASME B18.2.3.6M	

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			s (Anchor Sleeve/Insulated, Washer) Coating : Zinc, Zn Ni Coated					
Asia Karya Ekametal	Bolts_and_Nuts	Double End Thread/Anchor Bolt	Size : 1/4"(M6) - 4"(M100) Material : Bolts : A193 Gr. B8/B8M/B8T/B6/SS310/SS321, Nuts : Gr. 8/8M/8MA/8T/8TA/8C/8CA/6/347. With or without (PTFE Pad/Base Cork, Protective Sleeve/Insulated, Washer) Coating : Plain/No Coated	25.71%	240 Ton/tahun	Dimaksimalkan	ASME B18.2.1, BS1769, ASME B18.2.3.6M	
Asia Karya Ekametal	Bolts and Nuts	Double End Thread/Anchor Bolt	Size : 1/4"(M6) - 4"(M100) Material : Bolts : A193 Gr. B8/B8M/B8T/B6/SS310/SS321, Nuts : Gr. 8/8M/8MA/8T/8TA/8C/8CA/6/347. With or	28.78%	240 Ton/Tahun	Dimaksimalkan	ASME B18.2.1, BS1769, ASME B18.2.3.6M	

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			without (PTFE Pad/Base Cork, Protective Sleeve/Insulated, Washer) Coating : PTFE/Fluorocarbon/Fluoropolymer Coated					
Asia Karya Ekametal	Bolts and Nuts	STUD BOLT	ASTM A193 GRADE B7 & ASTM A194 GRADE 2H DIAMETER SIZE : 1/2" - 2"	28.98%	240 TON/ TAHUN	Diberdayakan	ASME B1.1/ASME B18.2.2	
Asia Karya Ekametal	Bolts_and_Nuts	STUD BOLT	ASTM A193 GRADE B7M & ASTM A194 GRADE 2HM DIAMETER SIZE : 1/2" - 2"	31.28%	240 TON/ TAHUN	Dimaksimalkan	ASME B1.1/ASME B18.2.2	
Asia Karya Ekametal	Bolts_and_Nuts	STUD BOLT	ASTM A193 GRADE B8 & ASTM A194 GRADE 8 DIAMETER SIZE : 1/2" - 1-1/2"	26.40%	240 TON/ TAHUN	Dimaksimalkan	ASME B1.1/ASME B18.2.2	
Asia	Bolts_and	STUD	ASTM	27.52%	240 TON/	Dimaksi	ASME B1.	

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Karya Ekametal	_Nuts	BOLT	A193 GRADE B8M & ASTM A194 GRADE 8M DIAMETER SIZE : 1/2" - 1-1/2"		TAHUN	malkan	1/ASME B18.2.2	
Asia Karya Ekametal	Bolts_and _Nuts	STUD BOLT	ASTM A320 GRADE L7 & ASTM A194 GRADE 7L DIAMETER SIZE : 1/2" - 2"	26.63%	240 TON/ TAHUN	Dimaksi malkan	ASME B1. 1/ASME B18.2.2	
Asia Karya Ekametal	Bolts_and _Nuts	STUD BOLT	ASTM A320 GRADE L7M & ASTM A194 GRADE 7LM DIAMETER SIZE : 1/2" - 2"	29.20%	240 TON/ TAHUN	Dimaksi malkan	ASME B1. 1/ASME B18.2.2	
Asia Karya Ekametal	Bolts_and _Nuts	STUD BOLT	ASTM A193 GRADE B7 & ASTM A194 GRADE 2H ZINC COATING DIAMETER SIZE : 1/2" - 2"	25.73%	240 TON/ TAHUN	Dimaksi malkan	ASME B1. 1/ASME B18.2.2	
BAHTERA BERSAUDARA	Pressure Vessel	AIR RECEIVER TANK	KAPASITAS 60 LITER;	-	25 UNIT / BULAN	Diberdayakan	ASME SECTION VIII DIV.1	61900

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			DESIGN PRESSURE 10 BAR; TEMPERATURE 60 CELCIUS; RADIOGRAFI RT-2; JOINT EFFICIENCY = 1; HYDROTEST 1 = 13 BAR				2023	
BAHTERA BERSAUDARA	Boiler	WATER TUBE BOILER	KAPASITAS 25 TON; DESIGN PRESSURE 22 BAR; JOINT EFFICIENCY = 1; OPERATING TEMPERATURE 60 CELCIUS; HYDROTEST 37,5 BAR	-	25 UNIT / BULAN	Diberdayakan	ASME SECTION VIII DIV.1 2023	
BERKAH CIPTA PERSADA	Switchgear	Low Voltage Switchgear	Rated Voltage: 690V Busbar rated current: Up to 6300A Busbar rated impulse withstand current: up to 100kA (1s)	29.09%	630 Cubicle/Tahun	Dimaksimalkan	IEC 61439-1/2	
BERKAH CIPTA PERSADA	Switchgear	Medium Voltage Switchgear	Rated Voltage: 12kV Busbar	37.20%	420 Cubicle/Tahun	Dimaksimalkan	IEC 62271-100/200	

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			rated current: Up to 4000A Rated short-time withstand current: up to 50kA (3s) Rated Voltage: 24kV Busbar rated current: up to 2500A Busbar rated impulse withstand current: up to 25kA (3s)					
BERKAH CIPTA PERSADA	Switchgear	Medium Voltage Busduct	Rated Voltage: Up to 12kV Busbar rated current: Up to 6300A Rated short-time withstand current: up to 63kA (1s) Rated Voltage: Up to 24kV Busbar rated current: Up to	68.87%	540 Set/Tahun	Diwajibkan	IEC 62271-100/200	

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			4000A Rated short-time withstand current: up to 40kA (1s)					
BERKAH CIPTA PERSADA	Switchgear	Low Voltage Busduct	Rated Voltage : 690 V Busbar Rated Current : Up to 6300 A Busbar rated impulse withstand current : up to 100 kA 1 sec	74.55%	540 Set/Tahun	Diwajibkan	IEC 61439	
BERKAH CIPTA PERSADA	Switchboard	Distribution Board Wall Mounting	Dimension (HxWxD): Up to (1200x1000x400)mm Rated Voltage: 400A Rated Main Current: Up to 320A Rated Short-circuit withstand Current: Up to 70kA (1s) Ingress Protection: IP66	-	1400 Unit /Tahun	Diberdayakan	IEC 60439	
BERKAH CIPTA PERSADA	Switchgear	Panel Box	Dimension (HxWxD):	-	1400 Unit /Tahun	Diberdayakan	IEC/NEMA	

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			Up to (2000x1200x1200)mm Material: SUS, SPCC, SPHC Ingress Protection: up to IP 66					
BERKAH CIPTA PERSADA	Switchgear	Medium Voltage Panel Capacitor Bank	- up to 24 kV - voltage up to 24 kV - reactive power rating up to 14000 kVar - Freq 50/60 Hz - Protection Class up to IP65 - Step up to 8 step	-	630 Set/Tahun	Diberdayakan	IEC 62271	
BERKAH CIPTA PERSADA	Switchgear	Low Voltage Panel Capacitor Bank	- up to 690 V - voltage up to 6.9 kV - reactive power rating up to 1200 kVar - Freq 50/60 Hz - Protection Class up to IP65 - Step up to 12 step	-	630 Set/Tahun	Diberdayakan	IEC 61439	

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BERKAH CIPTA PERSADA	Switchgear	Neutral Grounding Resistor	Rated Current : up to 8,000 Amps Type Resistors: RP resistors, HP Coiled-coil, HPR grid resistors	30.17%	300 Cubicle/Tahun	Dimaksimalkan	IEC/NEMA	
BERKAH CIPTA PERSADA	Electrical_Accessories	Cable Tray	Type of Cable Tray: Ladder, Perforated, Solid bottom, Trough, Channel Material: Stainless steel, Hot-Dip Galvanized and Galvanized steel Width : 50 mm – 1000 mm Height : 25 mm – 150 mm Tray Thickness : 1.2 mm – 3.0 mm	-	1960 Set/Tahun	Diberdayakan	-	
BUMI CAHAYA UNGGUL	Pump Package	Horizontal Pump Package	Model OH2 (Overhung) Pump Package. Kapasitas s.d 2600 m3/hr. Tekanan s.d 37	32.93%	100 unit/tahun	Dimaksimalkan	API 610, ISO 9905, ISO 5199, SNI 7518	

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			bar.					
BUMI CAHAYA UNGGUL	Pump_Package	Horizontal Centrifugal Pump Package	Model BB (Between Bearing) Single Stage Pump Package. Kapasitas s.d 13000 m3/hr. Total Head s.d 450 m. Tekanan s.d 125 bar.	36.01%	20 unit/tahun	Diwajibkan	API 610, ISO 5199, SNI 7518	
BUMI CAHAYA UNGGUL	Pump_Package	Horizontal Centrifugal Pump Package	Model BB3 (Between Bearing) Multi Stage, Axially Split or Radial Split Pump Package. Kapasitas s.d 13000 m3/hr. Tekanan s.d 300 bar.	22.41%	20 unit/tahun	Dimaksimalkan	API 610, ISO 5199, SNI 7518	
BUMI CAHAYA UNGGUL	Pump_Package	Vertical Centrifugal Pump Package	Model OHV (Overhung Vertical) Pump Package Kapasitas s.d 1200 m3/hr. Total Head s.d	14.01%	50 unit/tahun	Diberdayakan	API 610	

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			450 m. Tekanan s.d 51 bar.					
BUMI CAHAYA UNGGUL	Pump_Package	Vertical Centrifugal Pump Package	Model VS1 (Vertical Suspended) Pump Package. Kapasitas s.d 54000 m3/hr. Tekanan s.d 25 bar.	44.30%	20 unit/tahun	Diwajibkan	API 610, ISO 5199, ISO 9905, SNI 7518	
BUMI CAHAYA UNGGUL	Pump_Package	Trully Non-Clog Pump For Solid Handling	Model Screw Centrifugal, Vortex. Kapasitas 7200 m3/hr. Tekanan s/d 8 bar.	23.53%	10 unit/tahun	Dimaksimalkan	ISO 9906, SNI 7518	
BUMI CAHAYA UNGGUL	Pump_Package	Rotary Pump Package	Model Screw Pump. Kapasitas s.d 5300 m3/hr. Tekanan s.d 64 bar.	39.52%	20 unit/tahun	Diwajibkan	API 676, ISO 14847	
BUMI CAHAYA UNGGUL	Pump_Package	Reciprocating Pump Package	Tipe High Pressure. Kapasitas s.d 600 m3/hr. Tekanan 4000 bar.	34.82%	20 unit/tahun	Dimaksimalkan	API 674/API 675, ISO 13710	
BUMI CAHAYA UNGGUL	Pump_Package	Lube-Oil System For Secure Lubrication Control	Model Duplex, Air Cooled, Shell & Tube,	30.24%	10 unit/tahun	Dimaksimalkan	API 614	

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		In Petroleum, Chemical And Gas Industry	Controlled Flow, Fail Safe. Kapasitas : 150 m3/hr. Tekanan s.d 16 bar.					
BUMI CAHAYA UNGGUL	Pump_Package	Sistem Pompa Banjir Portable Mobile Trailer	Kapasitas s.d 500 L/detik	25.05%	10 unit/tahun	Dimaksimalkan	SNI 7518	
BUMI CAHAYA UNGGUL	Pump_Package	Rotary Positive Diplacement Pump	Model Twin-Screw. Kapasitas 1200 m3/hr. Tekanan s.d 240 bar.	30.04%	10 unit/tahun	Dimaksimalkan	API 676, ISO 14847	
BUMI CAHAYA UNGGUL	Pump_Package	Reciprocating Positive Diplacement Pum	Model 675 Membrane, Dosing, Metering. Kapasitas : 600 m3/hr. Tekanan : 3000 bar.	28.56%	10 unit/tahun	Dimaksimalkan	API 675, ISO 13710	
BUMI CAHAYA UNGGUL	Pump_Package	Fire Fighting Pump	Model OH (End Suction), BB (Axial Split), VS (Vertical). Kapasitas s.d 5000 gpm. Tekanan s.d 20 bar.	31.62%	10 unit/tahun	Dimaksimalkan	NFPA 20	
BUMI CAHAYA UNGGUL	Pump_Package	Rotary Positive Displace	Tipe : Single Screw, Pr	25.25%	20 unit/tahun	Dimaksimalkan	API 676	

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		ment Pump Package	ogressing Cavity (PC). Spesifikasi : Capacity up to 240 m3/h; Pressure up to 48 bar.					
BUMI CAHAYA UNGGUL	Pump_Package	Horizontal Centrifugal Pump Package	Model OH2 (Overhung) Pump Package. Kapasitas s.d 2600 m3/hr. Tekanan s.d 37 bar	32.93%	100 unit/tahun	Diberdayakan	API 610, ISO 9905, ISO 5199, SNI 7518	
BUMI CAHAYA UNGGUL	Pump_Package	Horizontal Centrifugal Pump Package	Model BB (Between Bearing) Single Stage Pump Package. Kapasitas s.d 13000 m3/hr. Total Head s.d 450 m. Tekanan s.d 125 bar.	36.01%	20 unit/tahun	Diwajibkan	API 610, ISO 5199, SNI 7518	
BUMI CAHAYA UNGGUL	Pump Package	Horizontal Centrifugal Pump Package	Model BB3 (Between Bearing) Multi Stage, Axially Split or Radial Split	22.41%	20 unit/tahun	Diberdayakan	API 610, ISO 5199, SNI 7518	

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			Pump Package. Kapasitas s.d 13000 m3/hr. Tekanan s.d 300 bar.					
BUMI CAHAYA UNGGUL	Pump Package	Vertical Centrifugal Pump Package	Model OHV (Overhung Vertical) Pump Package Kapasitas s.d 1200 m3/hr. Total Head s.d 450 m. Tekanan s.d 51 bar.	-	50 unit/tahun	Dimaksimalkan	API 610	
BUMI CAHAYA UNGGUL	Pump_Package	Vertical Centrifugal Pump Package	Model VS1 (Vertical Suspended) Pump Package. Kapasitas s.d 54000 m3/hr. Tekanan s.d 25 bar.	44.30%	20 unit/tahun	Diwajibkan	API 610, ISO 5199, ISO 9905, SNI 7518	
BUMI CAHAYA UNGGUL	Pump_Package	Trully Non-Clog Pump for Solid Handling	Model Screw-Centrifugal, Vortex. Kapasitas 7200 m3/hr. Tekanan s/d 8 bar.	23.53%	10 unit/tahun	Diberdayakan	ISO 9906, SNI 7518	
BUMI	Pump_Pa	Rotary	Model	39.52%	20	Diwajibka	API 676,	

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CAHAYA UNGGUL	ckage	Pump Package	Screw Pump. Kapasitas s.d 5300 m3/hr. Tekanan s.d 64 bar.		unit/tahun	n	ISO 14847	
BUMI CAHAYA UNGGUL	Pump_Package	Reciprocating Pump Packages	Tipe High Pressure. Kapasitas s.d 600 m3/hr. Tekanan 4000 bar.	34.82%	20 unit/tahun	Diberdayakan	API 674/API 675, ISO 13710	
BUMI CAHAYA UNGGUL	Pump_Package	Lube-Oil System for Secure Lubrication Control in Petroleum, Chemical and Gas Industry	Model Duplex, Air Cooled, Shell & Tube, Controlled Flow, Fail Safe. Kapasitas : 150 m3/hr. Tekanan s.d 16 bar.	30.24%	10 unit/tahun	Diberdayakan	API 614	
BUMI CAHAYA UNGGUL	Pump_Package	Sistem Pompa Banjir Portable Mobile Trailer	Kapasitas s.d 500 L/detik	25.05%	10 unit/tahun	Diberdayakan	SNI 7518	
BUMI CAHAYA UNGGUL	Pump_Package	Rotary Positive Diplacement Pump	Model Twin-Screw. Kapasitas 1200 m3/hr. Tekanan s.d 240 bar.	30.04%	10 unit/tahun	Diberdayakan	API 676, ISO 14847	
BUMI CAHAYA UNGGUL	Pump_Package	Reciprocating Positive Diplacem	Model 675 Membrane, Dosing,	28.56%	10 unit/tahun	Diberdayakan	API 675, ISO 13710	

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		ent Pump	Metering. Kapasitas : 600 m3/hr. Tekanan : 3000 bar.					
BUMI CAHAYA UNGGUL	Pump_Package	Fire Fighting Pump	Model OH (End Suction), BB (Axial Split), VS (Vertical). Kapasitas s.d 5000 gpm. Tekanan s.d 20 bar.	31.62%	10 unit/tahun	Diberdayakan	NFPA 20	
BUMI CAHAYA UNGGUL	Pump_Package	Horizontal Centrifugal Pump Package	Model OH2 (Overhung) Pump Package. Kapasitas s.d 2600 m3/hr. Tekanan s.d 37 bar.	32.93%	100 unit/tahun	Dimaksimalkan	API 610, ISO 9905, ISO 5199, SNI 7518	
BUMI CAHAYA UNGGUL	Pump_Package	Horizontal Centrifugal Pump Package	Model BB (Between Bearing) Single Stage Pump Package. Kapasitas s.d 13000 m3/hr. Total Head s.d 450 m. Tekanan s.d 125 bar.	36.01%	20 unit/tahun	Dimaksimalkan	API 610, ISO 5199, SNI 7518	
BUMI CAHAYA	Pump_Package	Horizontal Centrifu	Model BB3	-	20 unit/tahu	Diberday akan	API 610, ISO 5199,	

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UNGGUL		gal Pump Package	(Between Bearing) Multi Stage, Axially Split Pump Package. Kapasitas s.d 1200 m3/hr. Tekanan s.d 300 bar.		n		SNI 7518	
BUMI CAHAYA UNGGUL	Pump_Package	Vertical Centrifugal Pump Package	Model OHV (Overhung Vertical) Pump Package. Kapasitas s.d 1200 m3/hr. Total Head s.d 450 m. Tekanan s.d 51 bar.	-	50 unit/tahun	Diberdayakan	API 610	
BUMI CAHAYA UNGGUL	Pump_Package	Vertical Centrifugal Pump Package	Model VS1 (Vertical Suspended) Pump Package. Kapasitas s.d 54000 m3/hr. Tekanan s.d 25 bar.	44.30%	20 unit/tahun	Diwajibkan	API 610, ISO 5199, ISO 9905, SNI 7518	
BUMI CAHAYA UNGGUL	Pump_Package	Rotary Pump Package	Model Screw Pump. Kapasitas s.d 5300 m3/hr.	39.52%	20 unit/tahun	Diwajibkan	API 676, ISO 14847	

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			Tekanan s.d 64 bar.					
BUMI CAHAYA UNGGUL	Pump_Package	Reciprocating Pump Packages	Tipe High Pressure. Kapasitas s.d 600 m3/hr. Tekanan 4000 bar.	34.82%	20 unit/tahun	Dimaksimalkan	API 674/ API 675, ISO 13710	
BUMI CAHAYA UNGGUL	Pump_Package	Lube-Oil System for Secure Lubrication Control in Petroleum, Chemical and Gas Industry	Model Duplex, Air Cooled, Shell & Tube, Controlled Flow, Fail Safe. Kapasitas : 150 m3/hr. Tekanan s.d 16 bar.	30.24%	10 unit/tahun	Dimaksimalkan	API 614	
BUMI CAHAYA UNGGUL	Pump_Package	Sistem Pompa Banjir Portable Mobile Trailer	Kapasitas s.d 500 L/detik	25.05%	10 unit/tahun	Dimaksimalkan	SNI 7518	
BUMI CAHAYA UNGGUL	Pump_Package	Rotary Positive Diplacement Pump	Model Twin-Screw. Kapasitas 1200 m3/hr. Tekanan s.d 240 bar.	30.04%	10 unit/tahun	Dimaksimalkan	API 676, ISO 14847	
BUMI CAHAYA UNGGUL	Pump_Package	Reciprocating Positive Diplacement Pump	Model 675 Membrane, dosing, metering. Kapasitas : 600 m3/hr. Tekanan :	28.56%	10 unit/tahun	Dimaksimalkan	API 675, ISO 13710	

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			3000 bar.					
BUMI CAHAYA UNGGUL	Pump_Package	Fire Fighting Pump	Model OH (End Suction), BB (Axial Split), VS (Vertical). Kapasitas s.d 5000 gpm. Tekanan s.d 20 bar.	31.62%	10 unit/tahun	Dimaksimalkan	NFPA 20	
CHEMSTAR INDONESIA TBK	Chemical	Oxygen Scavenger	• Merk: Chemoxy • Appearance Yellow to greenish liquid; • Density: at 25 C, 1,00 – 1,20 g/ml; • Odour: mild; • Solubility in water: Dispersible; • pH: 0 – 2	41.57%	1170 Ton/Tahun	Diwajibkan	-	
CHEMSTAR INDONESIA TBK	Chemical	Biocide	• Merk: Chemcide • Appearance: Clear colorless liquid; • Density: at 25 C, 1,00 – 1,20 g/ml; • Odour pungent; • Solubility in water:	38.80%	1170 Ton/Tahun	Dimaksimalkan	-	-

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			Soluble; • pH <5.0					
CHEMSTAR INDONESIA TBK	Chemical	Defoamer	• Merk: Chemdefoam • Appearance: Clear liquid; • Density: at 25 C, 0.70 – 0.90 g/ml; • Solubility in water: insolube; • Viscosity 50 – 100 cps	43.08%	1170 Ton/Tahun	Diwajibkan	-	-
CHEMSTAR INDONESIA TBK	Chemical	Scale Inhibitor	• Merk: Chemscale • Appearance: Liquid; pH: <6,5; • Color: Clear Yellowish; • Specific Gravity: 1.06; • Odour: Spesific; • Solubility in Water: Soluble; • Viscosity: <100 cps.	52.59%	1170 Ton/Tahun	Diwajibkan	-	-
CHEMSTAR INDONESIA TBK	Chemical	Corrosion Inhibitor	• Merk: Chemcorr • Appearance Clear amber liquid; •	34.86%	1170 Ton/Tahun	Dimaksimalkan	-	-

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			Density: at 25 C, 0.70 – 0.90 g/ml; • Odour: mild; • Solubility in water dispersible; Ph 6.5 – 8.5; • Flash point > 61°C					
CHEMSTAR INDONESIA TBK	Chemical	Foamer	• Merk: Chemfoam • Appearance Clear liquid; • Density(25°C,g/ml) 0,90 – 1,10; • Viscosity <1000 cps; • Solubility in water Solube; Solubility in non-polar solvent Insolube; • pH 8 – 10; • Flash point >100.0°C	42.92%	1170 Ton/Tahun	Diwajibkan	-	-
CHEMSTAR INDONESIA TBK	Chemical	H2S Scavanger	• Merk: Chemscave • Appearance Yellow liquid; • Density: at 25 C, 1,00 –	51.69%	1170 Ton/Tahun	Diwajibkan	-	-

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			1,15 g/ml; • Odour: amine like; • Solubility in water miscible in all pro portion; • pH 10.0 – 12.0; • Boiling point 110.1°C; • Triazine content Min.60%					
CHEMSTAR INDONESIA TBK	Chemical	Water Clarifier/Reverse Demulsifier	• Merk: Chemverse • Appearance: Milky liquid; • Density: at 25 C, 1.00 – 1.10 g/ml; • Odour: mild; • Solubility in water: Solube limited by concentration; • pH 3.5 – 5.5; • Viscosity 75 – 100 cps	43.77%	1170 Ton/Tahun	Diwajibkan	-	-
CHEMSTAR INDONESIA TBK	Chemical	Demulsifier	• Merk: Chemfier • Appearance: Liquid; • Color: Yellowish to Brown;	62.31%	1091 Ton/Tahun	Diwajibkan	-	-

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			• Specific Gravity :0 .85-0.99; • Solubility in Oil: Soluble.					
CHEMSTAR INDONESIA TBK	Chemical	Pour Point Depressant	• Merk: Chemwax-PPD • Appearance : Liquid; • Color: Brown; • Specific Gravity: 0.85 - 0.92; • Odour: Product Specific; • Solubility in Oil: Soluble Visco : <50-1000 cps	40.05%	1091 Ton/Tahun	Diwajibkan	-	-
DAEKYUNG INDAH HEAVY INDUSTRY	Heat_Exchanger	Gas Exhanger Train	Carbon Steel, Alloy Steel, Stainless Steel	50.25%	334.80 Ton	Diberdayakan	ASME Section, Tema Standart	ASME "U" No.30,011, ASME "U2" No.30,012
DAEKYUNG INDAH HEAVY INDUSTRY	Tanks	Contaminated Water Storage Tank	Carbon Steel, Stainless Steel	-	137.5 Ton	Diberdayakan	API 620	
DAEKYUNG INDAH HEAVY INDUSTRY	Pressure_Vessel	Amine Contactor Train, HDS Separator, Third Stage Discharge Drum	Carbon Steel, Alloy Steel, Stainless Steel	-	1750.04 Ton	Diberdayakan	ASME Section VIII Div.1,2 , ASME Section V, ASME Section IX	

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DAKSA FILTER IN DONESIA	Filters	Element Filter	Type : Air Filter Element; Model : Conical Cylindrical - AFP Series ; Size : - Conical OD : 323 mm x 445 mm x 660 mm; - Cylindrical OD : 323 mm x 660 mm; Material : Syntetic F7, F8, F9, E10, E11, E 12; Top - Bottom End Caps Open : GS, GP, SS 304, SS 316; Inner & Outer Ptotection Screen : Expanded & Flatenned GS, GP, SS 304, SS 316; Gasket : Rubber; Aplikasi : Air Intake Filter Gas Turbine, Mechanical Drive	17.71%	1920 per bulan	Diberdayakan	ASHRAE 52.2; EN 822; EN 779; ISO 29461-1 Edition 2021	

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			Unit, Generator Set, High - Humidiy/Coastal Environments					
DAKSA FILTER INDONESIA	Filters	Catridge Filter	Type : Liquid Process Filter; Model : DFP / LP 1401 Series; Size : OD : 63 - 105 mm (3.75"); ID : 1.89" - 2.125"; length : 950 - 1132 mm (38.75"); Micron range : 3-100; Material : Cellulose/ Fiberglass/PP; End Caps & core : Steel; Outer mesh sleeve PP; O Ring : Buna-N; Aplikasi : Fluid Proses Filter (Solvents, Acid, Chemical, Hydrocarbon,	15.97%	1920 per bulan	Diberdayakan	ISO 19438	

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			other fluid used in Refinery, Chemical & Petrochemical processing), HighPressure Gas Streams, High Pressure Water Injection & Disposal					
DAKSA FILTER INDONESIA	Filters	Element Filter	Type : High Temperature Air Filer Catridges ; Model : AFMX Series ; Size : OD : 98 - 498 mm; length : 59 - 546 mm; Micron range : 5 - 100 @ effisiensi 99%; Media : MX media reinforced with metal support on both sides of cloth; Material : SS 316/SGCD Mesh;	18.36%	1920	Diberdayakan	EN 779 ISO 16890	

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			End Caps : SS 316/SFCD double open end with EVA Sponge Gasket & Grounding plate; Aplikasi : High temperature Air Filter Compressor, Pharmaceuitical Manufacturing, Pneumatic Conveying Systems, Power Generation FAcilities, Any High-Heat Industrial Air / Gas System					
DAKSA FILTER INDONESIA	Filters	Catridge Filter	Tipe : HIGH FLOW LIQUID FILTER; Model : DPP Series XTREM FLOW; Size : OD : 152 - 160 mm; length : 60 - 80 inch: Micron range :	47.41%	1745 per bulan	Diwajibkan	ISO 22519 Edition 2019	

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			0.8 - 100; Material : Meltblown PP, Micro Fiberglass & PET Composite with joint; Inner - Outer Support : PP; End caps : PP; Seal Oring : EPDM, Buna-N, Viton, Silicone; Aplikasi : High flow Liquid (RO Pre-Filtration, Process & Municipal Water Treatment, Power Generation, Chemical & Solvent Filtration, Food & Beverage Manufacturing)					
DAKSA FILTER INDONESIA	Filters	Catridge Filter	Tipe : HIGH FLOW LIQUID FILTER; Model : DPP Series XTREM FLOW; Size : OD	40.25%	1745 per bulan	Diwajibkan	ISO 22519 Edition 2019	

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			: 152 - 160 mm; length : 60 - 80 inch: Micron range : 0.8 - 100; Material : Meltblown PP, Micro Fiberglass & PET Composite with joint; Inner - Outer Support : PP; End caps : PP; Seal Oring : EPDM, Buna-N, Viton, Silicone; Aplikasi : High flow Liquid (RO Pre-Filtration, Process & Municipal Water Treatment, Power Generation, Chemical & Solvent Filtration, Food & Beverage Manufacturing)					
DAKSA FILTER INDONESIA	Filters	Catridge Filter	Type : LIQUID PROCESS FILTER;	21.34%	1920 per bulan	Diberdayakan	ISO 22519 Edition 2019	

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			Model : DPO / DTH SERIES; Size : OD : 2.5" - 3"; ID : 1.5"; length : 20" - 40"; Micron range : 0.5 - 100; Material : Glassfiber, PP & PET Composite, Synthetic; Inner Core : PP; Outer Netting : PP; End caps : Nylon/PP, wih Spring SS/Steel; Gasket, Seal Oring : Buna-N; Aplikasi : Liquid Proses filter - Well Injection & Completion Fluid, Process Water & RO Pre-Filtration, Wastewater & Polishing Brines, Diesel, Fuel & Lu					

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			brication Filtration, Amine, Glycols, Acids & Gels					
DAKSA FILTER IN DONESIA	Filters	Catridge Filter	Type : Membrant RO Filter; Model : DDH Series; Size : OD : 2 - 10 inch; length : 10 - 80 inch; Active mebrant area : 50 - 500 ft^2; Material : Membrant film; Aplikasi : Reverse Osmosis Liquid filter	-	1920 per bulan	Diberdayakan	ISO 22519 Edition 2019	
DAKSA FILTER IN DONESIA	Filters	Element Filter	Type : Pre Filter; Model : PAD Prefilter ; Size : 1090 x 660 x 18 mm; Micron size : G3, G4; Material : Syntetis; Aplikasi : Pre Air Filter Gas Turbin	-	1920 per bulan	Diberdayakan	EN 779	

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DAKSA FILTER IN DONESIA	Filters	Element Filter	Type : Pre Filter; Model : Layer Sleeve Prefilter - Conical & Cylindrical; Size : 1090 x 660 x 18 mm; Micron size : G3, G4; Material : Syntetis; Aplikasi : Pre Air Filter Gas Turbin	-	1920 per bulan	Diberdayakan	EN 779	
DAKSA FILTER IN DONESIA	Filters	Catridge filter	Type : Solvent Filter; Size : OD : 4.5 inch /1143.3 mm; length : 36 inch/914.4 mm: Micron range : 10 - 100; Material : Glassfiber syntetis; Aplikasi : Liquid Proses filter	-	1920 per bulan	Diberdayakan	ISO 22519 Edition 2019	
DAKSA FILTER IN DONESIA	Filters	Catridge Filter	Type : Oil Filter/Hydraulic & HP Seal Gas; Model :	-	1920 per bulan	Diberdayakan	ISO 16889	

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			DFI-INR-S SERIES; Size : OD : 54 - 62 mm; ID : 20 mm; Length : 158 - 224 mm; Micron range : 3 - 5 at 99.9% efficiency ; Material : Sintered SS 304/316, Sintered Glassfiber, Synthetic ; Core : SS 304/316; End caps : SS 304/316; Seal Oring : Viton, NBR; Aplikasi : Oil Hydraulic & Lubricant system, HP Seal Gas, Gas processing, Rotating machinery & Turbo machinery, Turbo Expanders, Centrifugas Compressor					

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			s With Dry Gas Seals, Gearbox & Generators, Steam & Gas Turbines, Oil & Gas Facilities (Upstream , Mid & Downstream), PEtrochemicals & Hydrocarbon Processing, Low-Temp Fluid Systems, High-Temp Hydrocarbon					
DAKSA FILTER INDONESIA	Filters	Catridge Filter	Type : Hydraulic - Duplex Metal Filter; Model : KIT-S-21003 Series; Size : OD : 210 mm; ID : 161 mm; length : 1000 mm; Micron range : 3 - 5; Media : Glassfiber; Ring Reinforcem	-	350 per bulan	Diberdayakan	ISO 16889	

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			ent : SS 304, 316 Inner Outer Tube : SS 304, 316; End Caps : SS 304, 316; Oring : Viton; Aplikasi : Oil Hydraulic & Lubricant system, HP Seal Gas					
DAKSA FILTER IN DONESIA	Filters	Element Filter	Type : Pressure Element for Hydraulic & Lube Oil Filter; Model : DHP Series; Size : OD : 3.7" - 4"; ID : 1.7"; Length : 8", 13", 26"; Micron size : 1 - 250; Media : Dualglass with water removal, Sintered Fiber; Core : Perforated Steel; Support :	-	1920 per bulan	Diberdayakan	ISO 12500-1 ISO 12500-3	

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			Wiremesh; End Caps : Tinned Steel; Seal Gasket : Buna, EPR, Flurocarbon; Aplikasi : Pressure elements filter for hydraulic & lube oil filtration (Petroleum-Based Fluid. Water Glycols, Phosphate Esters, Polyol Esters, HWBF (High water - Base fluids)					
DAKSA FILTER INDONESIA	Filters	V-bank filter	Type : V-BANK AIR FILTER; Model : DAFV Series (3V & 4V); Height : 292 - 600 mm; Length : 287 - 592 mm; Width : 592 mm; Micron size : Media F7	-	308 per bulan	Diberdayakan	EN 779, EN 1822, ASHRAE 52.2. ISO 29461-1, ISO29461-2, ISO 29461-4,	

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			- F9, E10 - E 12; Material : Frame set ABS Plastic; Gasket : Rubber sponge; Aplikasi : Air Filtration - Gas Turbine					
DAKSA FILTER IN DONESIA	Filters	Pocket air filter	Type : POCKET AIR FILTER; Model : DAFP Series (4P & 10P); Height : 360 - 600 mm; Length : 592 - 620 mm; Width : 580 - 592 mm; Micron size : Media G2, G4, M5, M6, F7, F8, F9; Material : Frame set SGCD, SS 316, Gasket Rubber sponge; Aplikasi : Air Filtration	-	500 per bulan	Diberday akan	EN 779, EN 1822, ASHRAE 52.2. ISO 29461-1, ISO29461 -2, ISO 29 461-4,	

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			- Gas Turbine, Compressor					
DAKSA FILTER INDONESIA	Filters	Panel air filter	Type : PANEL AIR FILTER; Model : DPAF Series; Height : 20 - 100 mm; Length : 198 - 1.220 mm; Width : 140 - 1.220 mm; Micron size : Media Media G2, G4, M5, M6; Material : Frame set SGCD, SS 316, Gasket Rubber sponge; Aplikasi : Air Filtration - Gas Turbine, Compressor	-	500 per bulan	Diberdayakan	EN 779, EN 1822, ASHRAE 52.2. ISO 29461-1, ISO29461-2, ISO 29461-4,	
DAKSA FILTER INDONESIA	Filters	Element filter	Type : 2 stage Coalescer Gas Filter; Model : DPGC	-	1920 per bulan	Diberdayakan	ISO 12500-1 and ISO 12500-3	

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			Series; OD : 4.6"; Length : 73" - 94"; Micron size : 0,1 - 1 @ efficiency 99.5% - 99.9%; Material : PP, PE, Syntetic; End caps : PE, PP; Seal : Buna-N, Viton, PPDM, HNBR, TCV; Aplikasi : 2 stage C oalescens e and remove c ontamina nt for Amine, C ondensae , Glycol, Lube oil, Low surface tention fluid					
DAKSA FILTER IN DONESIA	Filters	Element filter	Type : Oil Filter Wire Screen Catridge; Model : D FM-4536-010D-TD04; OD : 2.5" - 7.5"; ID : 3.65" (93 mm); Length :	-	350 per bulan	Diberday akan	ISO 9000	

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			10" - 36" (914 mm); Micron size : 2.5 - 225; Material : AISI 304, Woven Wire Mesh Screen; End caps : AISI 304, 316, Double Open End; Hardware : AISI 304, 316, Perforated Tube; Gasket : Teflon; Aplikasi : High temp liquid gas, Corrosive liquid & gas, Hot Oil System, Process Steam, Critical equipment protection (compressor, pump, heat exchanger, etc..)					
DAKSA FILTER INDONESIA	Filters	Element filter	Type : Particulate Filter; Model :	-	1920 per bulan	Diberdayakan	ISO 12500-1 and ISO 12500-3	

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			DPSFG Series; OD : 4,5" - 6"; ID : 3,24" - 4.18"; Length : 24" - 36"; Micron size : 0,5 - 50; Material : PP, PE, Syntetis, Glass Fiber; End caps : Thin Plated Steel; Core & Outer Support : Pleated Steel; Seal : Buna-N; Aplikasi : Dry Gas, Natural Gas					
DAKSA FILTER IN DONESIA	Filters	Element filter	Type : Particulate Filter; Model : DGP 533 60P50V; OD : 151 mm; Length : 914 mm; Micron size : 5 @ 99.97%; Material : Micro-Fiberglass; Metallic Liners : Galvanized	-	1920 per bulan	Diberdayakan	ISO 12500-1 and ISO 12500-3	

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			CS; Outer Wrap : Polypropylene; End caps : Galvanized CS; Gasket : Viton; Aplikasi : Compressor Protection -Particulates in Gas Stream, Separate particulate from Gas Streem for Natural Gas & Vopour systems, Fuel Gas & Turbine Filtration, DEsicant/ Mole sieve bed protection & Natural gas processing facilities					
DAKSA FILTER INDONESIA	Filters	Catridge filter	Type : Coalescer Filer; Model : DNGGC Series; OD : 4,4"; ID : 3.10"; Length : 12" - 36";	-	1920 per bulan	Diberdayakan	ISO 12500-1 and ISO 12500-3	

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			Micron size : 0,1 - 0.3, @ efficiency 99.5% - 99.99%; Material : PP, PE, Syntetis, Glass Fiber; Core : Expanded Metal; End caps top : SS; Bottom cap : Syntetic with Drainage Sleeve; Seal : EPDM, Viton; Aplikasi : Gas Coalescer					
DAKSA FILTER IN DONESIA	Filters	Catridge filter	Type : Coalescer Depth Filter with Sleeve; Model : GTF Series; OD : 230 mm; ID : 190 mm; Length : 958 mm; Micron size : 0,3 - 1, @ efficiency 99.8% - 100%; Material : Micro-	-	1920 per bulan	Diberdayakan	ISO 12500-1 and ISO 12500-3	

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			fiber glass; Sleeve : Non-woven; Inner : Galvanized CS; Outer Wrap : PP; End caps : Galvanized CS; Seal Gasket : Buna-N; Aplikasi : Black Powder Removal, Compressor & Turbine Protection, NAtural Gas Processing, Fuel Gas Filtration, Mole Sieve Bed Pre-Filtration, Dessicant System Protection					
DAKSA FILTER INDONESIA	Filters	Element filter	Type : Coalescer Compress Air Filter; Model : Ultra DMF Series; OD : 86 mm; ID : 48 mm; Length : 280 mm; Micron	-	1920 per bulan	Diberdayakan	ISO 12500-1 and ISO 12500-3	

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			size : 0,1 - 2; Material : Borosilicate Glass Fiber, Syntetic, Polyester ; Inner & Outer : SS 304; End caps : Aluminium; O ring : NBR; Aplikasi : Coalescence/Particle filter for retension of oil & water aerosol from Compressed air or gases					
DAKSA FILTER INDONESIA	Filters	Element filter	Type : Coalescer Compress Air Filter; Model : Ultra DSMF Series; OD : 86 mm; ID : 48 mm; Length : 525 mm; Micron size : 0,1 - 2; Material : Borosilicate Glass Fiber,	-	1920 per bulan	Diberdayakan	ISO 12500-1 and ISO 12500-3	

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			Syntetic, Polyester ; Inner & Outer : SS 304; End caps : Alumini um; O ring : NBR; Aplikasi : Coalesce nce/Parti cle filter for retension of oil & water aerosol from Com pressed air or gases;					
DAKSA FILTER IN DONESIA	Filters	Catridge filter	Type : Liquid Service to capture solid cont aminant; Model : DFTS Series; OD : 3" - 8"; ID : 1.56" - 2.67"; Length : 18" - 40"; Micron size : 2 - 100; Material : PP, Glass Fiber, Cotton, PE, DF Tex; Core : with/wit hout		1920 per bulan	Diberday akan	ISO 12500-1 and ISO 12500-3	

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			steel; Aplikasi : Compressor Lube Oil, Amine Glycol Produced, Water Cooling, Water Liquid, Fuels Fluid Product, Process Heat Transfer Fluid;					
DAKSA FILTER INDONESIA	Filters	Catridge filter	Type : Cleanable Partical Mesh Filter; Model : Metal Mesh D7EC Series; Size : OD : 163 - 241.5 mm; ID : 147 - 169 mm; Length : 380 - 838 mm; Micron size : 10 - 50; Material : Mesh SS 316L, Spun Bun, Glass Fiber, Syntetic, Net	-	350 per bulan	Diberdayakan	ISO 9000	

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			Ferrit; Aplikasi : Water treatmen t					
DAKSA FILTER IN DONESIA	Filters	Catridge filter	Type : Liquid Coalescer Filter; Model : D LSS2F2H, DCS 604 LG H13, D 31-45-003; Size : OD : 77 - 235 mm; ID : 67 - 190 mm; Length : 518 - 1050 mm; Micron size : 0.1 - 3; Inner Outer : ST, Plastic Expander ; End Caps : ST; Packing : Viton, NBR; Material : Glass Fiber, Synthetic , Dacron; Aplikasi : Coalesce nce, Particle, Liquid filter for retension of oil,	-	1920 per bulan	Diberday akan	ISO 12500-1 and ISO 12500-3	

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			water & aerosol from Compressed air, gases					
DAKSA FILTER INDONESIA	Filters	Catridge filter	Type : Sediment Filter; Model : DBFW-SO-40-5-R Series; Size : OD : 2.5 - 3 inch; length : 20 - 44 inch: Micron range : 5 - 25; End Caps : Nylon + GF; Packing : Viton; Material : PP Melt Blown; Aplikasi : Water Treatment (Power plant, Oil & Gas, Water Purification & Processing, etc)	-	1920 per bulan	Diberdayakan	ISO 9000 ISO 10307-1	
DAKSA FILTER INDONESIA	Filters	Element filter	Type : Lube Oil kit filter; Model : D-186212-100, D-186280-600, D-186280-1000, D-1064728-1, D-106	-	1920 per bulan	Diberdayakan	ISO 12500-1 and ISO 12500-3	

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			4728-3, D-1064728-6, D-106 4728-21 ; Size : OD : 78.50 - 80 - 114 - 143.50 mm; ID : 43 - 68 - 69 - 96.50 mm; Length : 114 - 327- 387 - 413 - 426 - 483 - 791- 888 mm; Micron size : 0.1 - 3; Inner Outer : ST, Synthetic , Plastic; End Caps/Plate : ST, Plastic; Packing : NBR; Media : Synthetic ; Aplikasi : Lube Oil System Gas Turbine					
DAKSA FILTER IN DONESIA	Filters	Element filter	Type : Element Catridge Filter; Model : Liquid Fuel Filter; D-186280-100, D-106	-	1920 per bulan	Diberday akan	ISO 12500-1 and ISO 12500-3	

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			4728-21, D-1064724-5; Size : OD : 78.50 - 143.50 mm; ID : 43 - 96.50 mm; Length : 208 - 450- 483 mm; Micron size : 0.1 - 3; Media : Synthetic ; Inner Outer : ST, Plastic; End Caps/Plate : ST, Plastic; Packing : NBR; Media : Synthetic ; Aplikasi : Liquid Fuel System Gas Turbine					
DAKSA FILTER INDONESIA	Filters	Element filter	Type : Element Catridge Filter; Model : Air Instrument Series, D-1089034-3 ; Size : OD : 85 mm; ID : 31 mm;	-	1920 per bulan	Diberdayakan	ISO 12500-1 and ISO 12500-3	

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			Length : 152 mm; Micron size : 0.1 - 3; Inner Outer : Plastic Expander ; End Caps/Plate : Nylon + GF; Media : Synthetic ; Aplikasi : Air Instruments System Gas Turbine					
DAKSA FILTER IN DONESIA	Filters	Element filter	Type : Element Catridge Filter; Model : Seal System Series; D-190247-5 , D-914567C1; Size : OD : 85 mm; ID : 31 mm; Length : 152 mm; Micron size : 0.1 - 3; Inner Outer : Plastic Expander ; End Caps/Plate : Nylon + GF; Media : Synthetic ; Aplikasi : Seal	-	1920 per bulan	Diberday akan	ISO 12500-1 and ISO 12500-3	

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			System Gas Turbine					
DAKSA FILTER IN DONESIA	Filters	Catridge filter	Type : Hydraulic Filter; Model : DPMG 45 36-100V-W9; Size : OD : 2.09" - 4.5" (114.30 mm); ID : 1.08" - 2.75" (69.85 mm); Length : 9" - 36" (914.40 mm); Micron size : 3 - 5 - 100; Media : Woven, Synthetic ; End caps : ST, Double Open End; Inner : ST, Perforated Tube; Outer : Expanded thin plate; Gasket : NBR Flat Gasket; Aplikasi : Hydraulic System & Lubricant system,	-	1920 per bulan	Diberdayakan	ISO 16889	

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			HP Seal Gas					
DAKSA FILTER IN DONESIA	Filters	Catridge filter	Type : String Wound Filter; Model : DSW Series; OD : 2" - 6"; ID : 1" - 2"; Length : 3" - 50"; Micron size : 1 - 150; Material : PP, PE, Glass Fiber, Nylon, Coon, Rayon; Core : Thin steel, PP, SS; Seal : Buna-N, Viton, Silicone, EPDM, Polyfoam ; Aplikasi : Pre filter for membrant, Amine, water, petroleum oil, Alkalies, Mineral Acids	-	1920 per bulan	Diberdayakan	ISO 12500-1 and ISO 12500-3	
DAKSA FILTER IN DONESIA	Filters	Catridge filter	Type : Separator Gas Filter; Model : DPCHG	-	1745 per bulan	Diberdayakan	ISO 12500-1 and ISO 12500-3	

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			Series; OD : 3 - 5.5"; ID : 2.1" - 4.5"; Length : 12" - 72"; Micron size : 0,1 - 10; Material : PE, PP, Syntetic; Core : Optional with or without Pleaed Steel; End caps : Optional - Pleated Steel, Integral End cap; O ring : None (standard), Buna-N, EPDM Viton; Aplikasi : Coalescence/Particle filter for retension of oil & water aerosol from Compressed air or gases;					
DAKSA FILTER INDONESIA	Filters	Catridge filter	Tipe : HIGH FLOW AQUALINE FILTER; Model :	-	1745 per bulan	Diberdayakan	ISO 22519 Edition 2019	

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			DPA Series HIGH FLOW Liquid; Size : OD : 6.75" (17.15 cm); length : 40 - 80 inch: Micron range : 0.1 - 20; Material : Composite media with joint; Inner Core : Plastic Expander ; Outer Mesh Sleeve : Platic Expander ; End caps : Nylon + GF; Seal Oring : Buna-N, NBR; Aplikasi : High flow Liquid Filtration in process water, wastewater, RO pre-filtration and othe demanding applications					

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DAKSA FILTER IN DONESIA	Filters	Catridge filter	Tipe : HIGH FLOW LIQUID COBETTE R FILTER; Model : DPC Series; Size : OD : 155 mm; length : 1119 mm; Micron range : 0.1 - 20; Material : Composit e, Melt blown media with joint; Inner Tube : Plastic Expander ; Outer Tube : Platic Expander ; End caps : Nylon + GF; Cover & Oring : NBR; Aplikasi : High flow Liquid Filtration in process water, wa stewater, RO pre-filtration and othe demandi	40.25%	1745	Diwajibka n	ISO 22519 Edition 2019	

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			ng applic ations					
DAKSA FILTER IN DONESIA	Filters	Catridge filter	Tipe : MEGA FLOW LIQUID FILTER; Model : DMAP Series MEGA FLOW; Size : OD : 6" (152 mm); ID : 3.5" (89 mm); length : 40 (1016 mm): Micron range : 1 - 150; Material : Microfibe r PP, Cellulosa with Pnenolic Binder; Inner Support layer : PP; End caps : Glass Filled PP; Seal Oring : EPR, Buna-N, Silicone, Fluoro-el astomer; Aplikasi : Proessing Water, Oil, Chemical, Food -	-	1745 per bulan	Diberday akan	ISO 22519 Edition 2019	

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			grade Liquid, etc					
DAKSA FILTER IN DONESIA	Filters	Bag filter	Type : Non Woven Micron Felt Filter Bags; Model : Bag Filter - DBF Series; Size : Diameter : 100 - 180 mm; Length : 230 - 820 mm; Volume : 8 - 25 liter; Filter Area : 0.09 - 0.50 m2; Micron size : 0.5 - 1200; Seam Treaatment : Welded/Stiched; Seal : Double seal, Triple seal; Media : Multi-layer Depth Media Synthetic, PP, PE; Aplikasi : Liquid Fuel System,	-	10000 per bulan	Diberdayakan	ISO 12500-1 and ISO 12500-3	

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			Auto coating & paint, Water & Wastewater Treatment, Food & Beverage, Pharmaceuticals, Mining, Electronic & SEmiconductor, Aquaculture & Hatcheries					
DAKSA FILTER INDONESIA	Filters	Element filter	Type : Fuel Filter Element; Model : DCT - 30009 Series; Size : OD : 6 "; Length : 15" - 17 15/16"; Micron size : 30; Media : Cellulosa; Core : Perforated Steel; Support : Perforated Steel; End Caps : Tinned Steel; Seal Gasket : NBR Flat; Aplikasi : Fuel Filtration	-	2000 per bulan	Diberdayakan	ISO 12500-1 and ISO 12500-3	

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			- Gasoline, Diesel, Bio diesel (up to B20), Eco Fuel - Ethanol blends up to 15%, Industrial Fluid - Lubricant Oils, Hydraulic Oils, Syntetic oils, and many Solvents					
DAKSA FILTER IN DONESIA	Filters	Element filter	Type : Fuel Filter Element; Model : DCT - 30006 Series; Size : OD : 6 "; Length : 15" - 17 15/16"; Micron size : 5; Media : Cellulosa; Core : Perforated Steel; Support : Perforated Steel; End Caps : Tinned Steel; Seal Gasket : NBR Flat; Aplikasi :	-	2000 per bulan	Diberday akan	ISO 12500-1 and ISO 12500-3	

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			Fuel Filtration - Gasoline, Diesel, Bio diesel (up to B20), Eco Fuel - Ethanol blends up to 15%, Industrial Fluid - Lubricant Oils, Hydraulic Oils, Syntetic oils, and many Solvents					
DAKSA FILTER IN DONESIA	Filters	Element filter	Type : Fuel Filter Element; Model : DCT - 30008 Series; Size : OD : 6 "; Length : 15" - 17 15/16"; Micron size : 10; Media : Cellulosa; Core : Perforated Steel; Support : Perforated Steel; End Caps : Tinned Steel; Seal Gasket :	-	2000 per bulan	Diberday akan	ISO 12500-1 and ISO 12500-3	

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			NBR Flat; Aplikasi : Fuel Filtration - Gasoline, Diesel, Bio diesel (up to B20), Eco Fuel - Ethanol blends up to 15%, Industrial Fluid - Lubricant Oils, Hydraulic Oils, Syntetic oils, and many Solvents					
DAKSA FILTER IN DONESIA	Filters	Element filter	Type : Fuel Filter Element; Model : DCT - 30011 Series; Size : OD : 6 "; Length : 15" - 17 15/16"; Micron size : 20; Media : Cellulosa; Core : Perforated Steel; Support : Perforated Steel; End Caps : Tinned Steel;	-	2000 per bulan	Diberdayakan	ISO 12500-1 and ISO 12500-3	

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			Seal Gasket : NBR Flat; Aplikasi : Fuel Filtration - Gasoline, Diesel, Bio diesel (up to B20), Eco Fuel - Ethanol blends up to 15%, Industrial Fluid - Lubricant Oils, Hydraulic Oils, Syntetic oils, and many Solvents					
DAKSA FILTER IN DONESIA	Filters	Element filter	Type : Fuel Filter Element; Model : DCT - 30066 Series; Size : OD : 6 "; Length : 15" - 17 15/16"; Micron size : 2; Media : Cellulosa; Core : Perforated Steel; Support : Perforated Steel; End Caps	-	2000 per bulan	Diberdayakan	ISO 12500-1 and ISO 12500-3	

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			: Tinned Steel; Seal Gasket : NBR Flat; Aplikasi : Fuel Filtration - Gasoline, Diesel, Bio diesel (up to B20), Eco Fuel - Ethanol blends up to 15%, Industrial Fluid - Lubricant Oils, Hydraulic Oils, Syntetic oils, and many Solvents					
DAKSA FILTER IN DONESIA	Filters	Element filter	Type : High flow Liquid Filter Catridge; Model : DPMG - 30066 Series; Size : OD : 6 "; Length : 15" - 17 15/16"; Micron size : 2; Media : Cellulosa; Core : Perforated Steel; Support :	-	2000 per bulan	Diberday akan	ISO 12500-1 and ISO 12500-3	

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			Perforated Steel; End Caps : Tinned Steel; Seal Gasket : NBR Flat; Aplikasi : Fuel Filtration - Gasoline, Diesel, Bio diesel (up to B20), Eco Fuel - Ethanol blends up to 15%, Industrial Fluid - Lubricant Oils, Hydraulic Oils, Syntetic oils, and many Solvents					
DAKSA FILTER IN DONESIA	Filters	Element filter	Type : High flow Liquid Filter Catridge; Model : DPMG - 4536 Series; Size : OD : 4.5" (113.5 mm); ID : 2.75" (69.9 mm); Length : 36" (914.4	-	2000 per bulan	Diberday akan	ISO 12500-1 and ISO 12500-3	

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			mm); Micron size :10 -100; Media : Micro Glass; Core : Tinned Steel; Support : Tinned Steel; End Caps : Tinned Steel; Seal Gasket : Viton; Aplikasi : High -Flow Liquid Filtration for Critical Industrial - Solvents, Acids & C hemicals, Hydrocar bons & Fuels, Refinery Operatio ns, Petro chemical & Chme mical Pro cessing					
DAKSA FILTER IN DONESIA	Filters	Element filter	Type : Element High High Performa nce Parti culate Removal For Diesel &	-	2000 per bulan	Diberday akan	ISO 4406	

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			Bio - Diesel System; Model : DFD Series; Size : OD : 6 "; ID : 3.5"; Length : 12", 14", 24", 29", 44", 56 "; Micron size : 2 - 40; Media : Cellulosa; Core : Spiral Steel with louver/Perforated Steel; End Caps : Double Open End (DOE) or Threaded Base; Seal Gasket : Buna-N; Aplikasi : Particulate Removal From Bulk Diesel Fuel at high flow rate for Fuel Reeiption, Bulk Fuel Storage, Fuel Dispensing					

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DAKSA FILTER IN DONESIA	Filters	Element filter	Type : Element High Flow for Heavy Duty Diesel & Bio-Diesel Filtration; Model : DFH - 624 Series; Size : OD : 2- 6 "(134 mm); ID : 1.75 -3.5"(56 mm); Length : 10 - 44"(1118 mm); Micron size : 3, 5, 10, 20; Media : C ompotek, Cellulosa, Synthetic Fiber Glass; Core : Plastic Mesh, PP Nylon + GF; End Caps : Single Open End (SOE) Plastic, Nylon + GF; Seal Gasket : NBR, Buna-N; Aplikasi : Contamin ation	-	2000 per bulan	Diberday akan	ISO 4406	

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			Load Removal in sigle pass element deliver superior fuel Clea nliness for Heavy Duty Diesel & Bio-Deisel, Refueling system, Diesel Storage tank & Transport , Chemical Industry, Post & MArine terminals , Mining & HEavy Equipem nt, Industrial fuel man agmenet					

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