

PROCESSES & SERVICES

	Materials Amfin Can Process								Tank Sizes			
	Nickel Based Alloy	Magnesium Alloy	Aluminium Alloy	Titanium Alloy	Low Alloy Steel	Copper Based Alloy	Corrosion Resistant Steels	Composites	Length	Width	Depth	Lifting (SWL, Kg)
1 Chromating of Magnesium Alloys		✓							1830	920	1450	500
2 Alocrom 1200			✓						1830	920	1400	500
3 Trivalent Chrome Conversion Coatings			✓						915	610	800	500
4 Chromic Anodise			✓						3650	900	2000	500
5 Sulphuric Anodise			✓	✓					3650	900	2000	500
6 Hard Anodising			✓						3650	900	2000	500
7 Tartaric Sulphuric Anodise			✓						3650	900	2000	500

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1 Etching of Hardened Steel Components					✓				1525	500	1525	500
2 Non-Destructive Magnetic Particle Inspection					✓		✓					
3 Non-Destructive Testing Fluorescent Penetrant Inspection	✓	✓	✓	✓	✓	✓	✓	✓				
4 Visual Inspection	✓	✓	✓	✓	✓	✓	✓	✓				
5 NDT Examination for Land Based & Marine Power Turbines & Related Equipment	✓	✓	✓	✓	✓	✓	✓	✓				
6 Etching of Nickel Base Steel Alloy Components for Metallurgical Inspection	✓				✓		✓		1525	500	1525	500
7 Etching of Titanium Alloys				✓					1525	500	1525	500
8 Etching of Aluminium Alloys			✓						3650	900	2000	500
9 Conductivity Testing			✓									
10 Hardness Testing	✓	✓	✓	✓	✓	✓	✓	✓				
11 Tri-acid Etch			✓						1850	700	1950	500
12 Binocular Inspection	✓	✓	✓	✓	✓	✓	✓	✓				
13 On-Site Metallurgical Laboratory Analysis and Support	✓	✓	✓	✓	✓	✓	✓	✓				

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1 Adhesive Bonding	✓	✓	✓	✓	✓	✓	✓	✓				
2 Two Part Hot Curing Epoxide Paste Adhesive	✓	✓	✓	✓	✓	✓	✓	✓				
3 One Part Cold Curing Silicone Rubber Adhesive	✓	✓	✓	✓	✓	✓	✓	✓				
4 One Part Hot Curing Epoxide Film Adhesive	✓	✓	✓	✓	✓	✓	✓	✓				
5 One Part Hot Curing Epoxide Supported Film Adhesive	✓	✓	✓	✓	✓	✓	✓	✓				
6 One Part Hot Curing Epoxide Unsupported Film Adhesive	✓	✓	✓	✓	✓	✓	✓	✓				
7 One Part Hot Curing Polyimide Paste Adhesive & Primer	✓	✓	✓	✓	✓	✓	✓	✓				
8 Application of Filling Sealing & Caulking Compounds	✓	✓	✓	✓	✓	✓	✓	✓				
9 Two Part Heat Curing Epoxide Resin System	✓	✓	✓	✓	✓	✓	✓	✓				
10 One Part Cold Curing Silicone Rubber	✓	✓	✓	✓	✓	✓	✓	✓				
11 Organic Based Attrition Coatings	✓	✓	✓	✓	✓	✓	✓	✓				
12 Application of Carbon/Epoxy Resin Attrition Coating	✓	✓	✓	✓	✓	✓	✓	✓				
13 Talc Filled Attrition Coating NML46	✓	✓	✓	✓	✓	✓	✓	✓				
14 Application of Ceramic Thermal Insulation Materials	✓	✓	✓	✓	✓	✓	✓	✓				

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1 Silver Plating	✓			✓	✓	✓	✓		1800	600	900	300
2 Copper Plating	✓				✓	✓	✓		1800	600	900	300
3 Removal of White Layer From Nitrided Parts					✓				915	610	800	125
4 Acid Pickling of Low Alloy & Corrosion Resisting Ferritic Steel					✓		✓		915	610	800	125
5 Passivate Stainless Steel							✓		1220	610	800	250
6 Manganese Phosphate					✓				2000	1070	800	500
7 Zinc Phosphate					✓				1525	1070	800	500

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1 Plasma Flame Deposition	✓	✓	✓	✓	✓	✓	✓					
2 Flame Deposition of Abradable Coatings	✓	✓	✓	✓	✓	✓	✓					
3 High Velocity Plasma Flame Deposition	✓	✓	✓	✓	✓	✓	✓					
4 Combustion Flame Deposition	✓	✓	✓	✓	✓	✓	✓					

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1 Three Stress Relieving & De-embrittlement Oven					✓				1000	1000	1000	M
2 Five Paint Curing & Adhesive Bonding Ovens	✓	✓	✓	✓	✓	✓	✓	✓	2000	2000	3000	M

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1 Cleaning & Degreasing Using Perchloroethylene Solvent - Hot Liquid & Vapour	✓	✓	✓	✓	✓	✓	✓		2100	1100	900	500
2 Abrasive Blasting	✓	✓	✓	✓	✓	✓	✓		4600	2200	2000	M
3 Semi-Controlled Abrasive Blasting	✓	✓	✓	✓	✓	✓	✓		1500	1000	1000	M
4 Organic Media Blasting	✓	✓	✓	✓	✓	✓	✓	✓	900	600	450	M
5 Acid Descaling of Austenitic Stainless Steels & Nickel Based Alloys	✓						✓		915	610	800	M
6 Descaling of Ferritic and Austenitic Stainless Steels & Heat Resisting Alloys	✓				✓		✓		600	600	800	125
7 Alkaline Cleaning & De-rusting	✓			✓	✓		✓		610	610	800	125
8 Cleaning & Degreasing Using Aqueous Media	✓	✓	✓	✓	✓	✓	✓	✓	3650	900	2000	500
9 Descaling of Copper Based Alloys						✓			915	610	800	M
10 Stripping of Paint Finishes	✓	✓	✓	✓	✓	✓	✓	✓	800	400	250	M
11 Chemical Removal of Metallic Contamination (Pickling)	✓		✓	✓	✓		✓		600	600	800	125
12 Plastic Media Blasting Paint Stripping	✓	✓	✓	✓	✓	✓	✓	✓	800	500	400	M
13 Vapour Blasting	✓		✓	✓	✓		✓		1150	850	1100	250
14 Glass Bead Peening	✓		✓	✓	✓		✓		1400	1250	850	

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1 Application of Thermal Barrier Coating	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
2 Organic Barrier Coatings	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
3 PTFE Dispersion	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
4 Graphite Dry Film Lubricant	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
5 Application of Air Curing Graphite Dry Film Lubricant	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
6 Mica Filled Coating	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
7 High Heat Resisting Aluminium Stoving Enamel	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
8 Heat Resistant ES Coating	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
9 Application of High Temperature Aluminium Silicone Enamel	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
10 Ceramic Coatings	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
11 Application of Heat Cured Epoxy Paint Systems	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
12 Application of Polyimide Coatings	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
13 Application of Two Part Epoxy Paint Systems	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
14 High Temperature Marking Paints	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
15 Application of Day Glo Inspection Aid Paint	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
16 Application of Two Pack Epoxy Paint To Cold Thrust Reverser Cascades	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
17 Application of Stoving Epoxy Varnish Erosion Resistant Coating	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
18 Application of Fluorocarbon Resin Teflon "S" (Du Pont)	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
19 Application of Indestructible Paint Company Ltd. Two Part Epoxy Paint Systems	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
20 Application of Polyurethane Elastomer by Spraying & Brushing Procedures	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
21 Application of A Bonded Calcium Fluoride/Graphite Dry Film Lubricant	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
22 Application of Intumescent Paint	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
23 Two Part Epoxy/Polyurethane Paint System	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
24 Application of Phosphate Bonded DFL Maximum Operating Temperature 400°C	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
25 Application of High Temperature Dry Film Lubricant	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
26 Application of Molybdenum Disulphide Dry Film Lubricant	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000
27 Sacrificial Coatings	✓				✓		✓		9000	3000	3000	1000
28 Application of Sacrificial Corrosion Resistant Coatings	✓				✓		✓		9000	3000	3000	1000
29 Application of Sacrificial Corrosion Resistant (Thin) Coatings	✓				✓		✓		9000	3000	3000	1000
30 Organic Sacrificial Corrosion Resistant Coating	✓				✓		✓		9000	3000	3000	1000
31 Application of Sealcoat	✓				✓		✓		9000	3000	3000	1000
32 Application of Sacrificial Corrosion Resistant Sealed Smooth Coatings	✓				✓				9000	3000	3000	1000
33 Application of Two Part Protective Polyurethane Coatings To Rubber Surfaces								✓	9000	3000	3000	1000
34 Application of Protective Finishes To Ground Support Equipment	✓	✓	✓	✓	✓	✓	✓	✓	9000	3000	3000	1000

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		Nickel Based Alloy	Magnesium Alloy	Aluminium Alloy	Titanium Alloy	Low Alloy Steel	Copper Based Alloy	Corrosion Resistant Steels	Composites	Length	Width	Depth	Lifting (SWL, Kg)
1	Corrosion Protection of Components during Manufacture & Storage	✓	✓	✓	✓	✓	✓	✓					
2	Removal of Encapsulation from Metal Parts	✓		✓	✓	✓		✓					