

1	AS BUILT	16/06/11	DQP	RGT	JFS
0	FOR PURCHASE	09/09/09	MRM	S&W	GVR
A	ISSUED FOR QUOTATION	16/04/09	MRM	S&W	GVR
REV	DENOMINACIÓN	FECHA	DIBUJÓ	REVISÓ	APROBÓ





OBM: 3149

ESTE DOCUMENTO CONTIENE INFORMACIÓN DE PROPIEDAD DE AESA, SU REPRODUCCIÓN TOTAL O PARCIAL ESTA PROHIBIDA.					PROYECTO GAS OIL Y GASOLINA DE BAJO AZUFRE				
	PROYECTO	DIBUJO	REVISÓ	APROBÓ	TITULO DATA SHEET Bomba de Carga Neumática 3802-J				
INICIAL	MRM	MRM	RGT	RMT					
FECHA	09/09/09	09/09/09	09/09/09	09/09/09					
FIRMA					DOC. AESA N°: 3149-06-3800-IG-EM-HD-0004		HOJA	ESCALA	VERSION 1
					DOC.ANCAP N°		1 DE 2	S/E	REVISION 1
REALIZADO EN EXCEL 2003 NO MODIFICAR MANUALMENTE									

 	PROYECTO: OBM: 3149 GAS OIL Y GASOLINA DE BAJO AZUFRE		AESA N° 3149-06-3800-IG-EM-HD-0004 ANCAP N°	
	DATA SHEET Bomba de Carga Neumática 3802-J		VERSION 1	DIBUJO DQP
			REV. 1	REVISOR RGT APROB. JFS
			FECHA DE EMISION 16/06/2011	

1 APPLICABLE TO: ☐ Proposal ☒ Purchase ☐ As Built 2 Service Carga de Aditivos 3 Nr. Of Pumps 1 (one) 4 System Sistema de Agua de Enfriamiento 5 Manufacturer INDESUR Model D15PPTXN.2 6 Information to be Completed by: ☐ PURCHASER ☒ MANUFACTURER OPERATING CONDITIONS 8 Liquid Sodium Hypochlorite / Organic Phosphonate / Phosphoric acid 9 Pumping Temp. (°C): Norm. 16 Min. Max. 34 10 Specific Gravity (kg/m³) Norm. Min. 1150 Max. 1630 11 Viscosity (cP) Norm. Min. 3 Max. 19 12 Corrosion/Erosion causes by _____ 13 Accel Head (m) _____ 14 NPSH Available without Accel Head (m) 8 15 Flow Rated (l/h) Max _____ Min _____ Rated 600 16 Disc. Press (kg/cm²)(g) Max _____ Min _____ Rated 1,5 17 Suct. Press (kg/cm²)(g) Max _____ Min _____ Rated 0 18 Diff. Press (kg/cm²) Max _____ Min _____ Rated 1,5 CONSTRUCTION FEATURES <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <th>Nozzles</th> <th>Size</th> <th>Rating</th> <th>Facing</th> <th>Location</th> </tr> <tr> <td>Suction</td> <td>1/2"</td> <td>NPT</td> <td>F</td> <td></td> </tr> <tr> <td>Discharge</td> <td>1/2"</td> <td>NPT</td> <td>F</td> <td></td> </tr> <tr> <td>Air/Gas</td> <td>1/4"</td> <td>NPT</td> <td>F</td> <td></td> </tr> </table> 27 Remarks: _____ 28 _____ 29 _____ 30 _____ 31 _____ SITE CONDITIONS 32 Temp(°C) Max. 34 Min -3 Altitude (m) _____ 33 Rel. Huidity Max. 77% Min _____ 34 ☐ Indoor ☒ Heated ☐ Roof 35 ☒ Outdoor ☐ Unheated ☐ Sun 36 Area Clasification Zone 2 Gr. IIA T3 37 Remarks: Marine and Corrosive Environment POWER END 39 Power Supply: ☒ Air ☐ Natural Gas 40 Supply Pressure (kg/cm²)(g) Min 4 Normal 4,5 Max. 5,5 41 ☒ Plant Air 42 ☐ Instrument Air 43 _____ 44 _____	Nozzles	Size	Rating	Facing	Location	Suction	1/2"	NPT	F		Discharge	1/2"	NPT	F		Air/Gas	1/4"	NPT	F		MATERIALS (2) Case Polypropylene Diaphragm PTFE Main Valve Seat PTFE Main Valve Ball PTFE Air/Gas Manifold _____ Remarks _____ _____ _____ MANUFACTURER DATA Desing Press (Kg/cm²)(g) 8 Design Temp. (°C) 80 Test. Press (kg/cm²)(g) 10,0 Des. Capacity (m³/h) 2,5 Regul. Press. (kg/cm²)(g) 3 Vol. Displace (m³) _____ Dia. (mm) _____ Stroke (mm) _____ Diaph Spd. (st/min): Op: _____ Max: _____ NPSH Req'd (m) 5 Air/Gas Cond. (Nm³/h) Op: 1,2 Max: 8,4 Maximun Diameter Solids 1.5 mm SHOP TEST <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <th></th> <th style="text-align: center;">REQUIRED</th> <th style="text-align: center;">WITNESSED</th> </tr> <tr> <td>Hydrostatic</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Steady State Accuracy</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Performance</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>Others</td> <td>_____</td> <td>_____</td> </tr> </table> WEIGHT AND DIMENSIONS Weight (kg) 7 Dimensions (LxWxH) (mm) 215 x 180 x 280 CONTROLS Type: _____ ☒ Manual ☐ Automatic ☐ Remote ☐ Local Pneumatic Signal (kg/cm²) Min _____ Max _____ Electronic Signal (V) _____ ACCESORIES BY VENDOR ☐ Relief Valve Setting (kg/cm²) _____ ☒ FRL Unit ☐ Drum Kit ☐ Product Inlet Filter ☐ Baseplate ☐ Mufflers ☐ Pressure Gauge for Liquid Discharge ☐ Equalizer Surge Dampener ☐ Pump Support ☐ Solenoid valve for power air inlet ☐ Flexible connection for suction and discharge line		REQUIRED	WITNESSED	Hydrostatic	_____	_____	Steady State Accuracy	_____	_____	Performance	_____	_____	Others	_____	_____
Nozzles	Size	Rating	Facing	Location																																
Suction	1/2"	NPT	F																																	
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Hydrostatic	_____	_____																																		
Steady State Accuracy	_____	_____																																		
Performance	_____	_____																																		
Others	_____	_____																																		

45 NOTES:
 46 **1.- APPLICABLE SPECIFICATIONS:**
 47 • MEC-ET-016 General Notes for Mechanical Equipment.
 48 • PIN-ET-001 rev.2- General Specification for Ship, Field and Maintenance Painting
 49 • PIN-ET-002 rev.2-Pintura - Código de Colores
 50 • GEN ET 002 Límites de Ruido
 51 • GEN ET 003-Preparación del Equipo para Transporte
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 53 **2.- DELETED**
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 55 **3.-** Painting system will be defined by vendors, in conjunction with paint manufacturer recommendation. Marine atmosphere and high corrosive industrial
 56 ambient represents the main concern.
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 58 **4.-** Sub-suppliers shall be selected from ANCAP's vendor list. See document 3149-00-0000-IG-GE-OD-0001.
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