



PLUTO LNG TRAIN 2

MR Number: 26221-100-MRA-PH05-00001

Title: Pipe Supports Spring Hangers (Spring cans and constant supports)

Scope of Work: Scope of Work: Drawings and Data, Quality Systems Description

SPRINGS

Piping Technology & Products(PTP) Fig. No. 1, Type B, 90-220,10 m length, Fig. 80 Pipe clamp
 Piping Technology & Products(PTP) Fig. No. 1, Type C, 160-210,10 m length, Fig. 80 Pipe clamp
 Piping Technology & Products(PTP) Fig. No. 1, Type D, 160-210,10 m length, Fig. 80 Pipe clamp
 Piping Technology & Products(PTP) Fig. No. 2, Type F, 10-220
 Piping Technology & Products (PTP) Fig. No. 2, Type G, 110,
 Piping Technology & Products (PTP) Fig. No. 100-C, Type Constant, 72, TT=110 mm, LOAD=97Kn

Shock Arrestor	Load (KN)	MIN C-C (m)	Max C-C (m)	Max Stroke (mm)
MSA-3	26	0.77	2.45	125
MSA-10	66	0.88	3	150
MSA-25	220	1.2	4	150
MSA-100	280	1.6	4.5	150

Material Test Reports (MTRs) Required
 Positive Material Identification (PMI Required)
 Export packing for transport by Supplier
 Quality verification documentation provided with each shipment by supplier
 Quality System Questionnaire to be submitted by Seller
 Manufacturer's Catalog containing dimensional data
 Manufacturer's recommended storage and installation procedures

NOTE: The reference parts are to be used s a guide; approved equivalents to the above may be considered.

Piping Technology & Products (PTP) Fig. nos. may be viewed on their website www.pipingtech.com

All Equipment Provided Must Meet Local Codes for Western Australia, Project Specifications, as Well as any Other Australian/Local Regulations, Statutory Requirements, and Australian Codes and Standards as Applicable.