



Excellent Gasket Private Limited

Final Inspection Report

QC/EG/F03

Inspection Certificate (EN 10204 – 3.1)

Report No. : 03/EGPL/202210894/22-23

Date: 14.11.2022

Customer Name : M/s. Spira Power Gasket Company LLC – Abu Dhabi

Po. No. : 1143 Rev No: 0.00

Date: 05.10.2022

Order Status : Complete.

Item Details:-

**Description: INC 625 Octagonal Ring Joint Gasket as per ASME B16.20 Std.
(Hardness Observed: 89 – 92 HRB)**

Dimensions									
PO.SL. NO	Ring No.	Outside Diameter of Ring. (OD) ± 0.18	Inside diameter of Ring. (ID) ± 0.18	Width of Ring. (A) ± 0.20	Height of Ring. (H) (+1.20/- .50)	Width of flat. (C) ± 0.20	Sealing Surface Finish	Radius In Ring. (R1) ± 0.50	Qty. In No's
01	R12 (0.50"X900/1500#)	47.650	31.750	7.95	12.70	5.23	16 μ m	1.5	42
All Dimensions are In mm unless Specified									

Chemical Composition (%)

Material	Thickness	C	Si	Mn	S	Fe	Cr	Ni	Al	Ti	P	Mo	Nb
INC 625	Forging Sample	0.032	0.242	0.318	0.008	3.42	22.04	61.56	0.18	0.21	0.010	8.75	3.226

Mechanical Properties

Material	Thickness	Heat No.	Tensile Strength in MPa	Yield Stress in MPa	Elongation in %
INC 625	Forging Sample	5605211	876	492	38

Remarks

1. All the Gasket visually inspected and found Satisfactory.
2. Gaskets dimension checked reference to purchase order and ASME B16.20 Std. Found acceptable limits.
3. RTJ Hardness Observed Values found satisfactory.




Signature – EGPL

