

### Item Specification & Quantity

SI No.	ITEM CODE	DESCRIPTION	UOM	QTY
1	JA7081448	VACCUM PRESSURE GAUGE Range: -1 to 0.0 kg/cm <sup>2</sup> g.	NO	4
2	JA7081449	PRESSURE GAUGE FOR CHLORINE GAS LINE. RANGE: 0 TO 16 Kg/Cm <sup>2</sup> .	NO	6

#### TECHNICAL SPECIFICATIONS OF DIAPHRAGM SEALED TYPE PRESSURE GAUGES

1	TYPE	DIAPHRAGM SEALED SS PRESSURE GAUGES
2	SERVICE	CHLORINE GAS
3	RANGE	AS PER TABLE GIVEN BELOW
4	DIAL SIZE	AS PER TABLE GIVEN BELOW
5	PROCESS CONNECTION	AS PER TABLE GIVEN BELOW
6	MEASURING PRINCIPLE	BOURDON TUBE
7	MATERIAL OF CONSTRUCTION-	
a)	DIAPHRAGM MATERIAL	TANTALUM
b)	BOURDON & OTHER WETTED PARTS	AISI 316 SS
c)	MOVEMENT ASSEMBLY	AISI 304 SS
d)	SOCKET	AISI 316 SS
e)	CASE & BEZEL	AISI 304 SS
f)	WINDOW	SHATTER PROOF GLASS WITH VITON GASKET
g)	SCALE & POINTER	ALUMINIUM
8	SEALING LIQUID	SILCON OIL
9	MARKING	BLACK MARKING ON WHITE BACK GROUND
10	SCALE	LINEAR
11	ACCURACY	+/-1% OF FSD OR BETTER
12	ADJUSTMENT	MICRO METER ZERO ADJUSTMENT ON POINTER & MINIMUM STOPPER REQD.
13	AMBIENT TEMPERATURE	SUITABLE FOR 0-60 DEG.CELCIUS

14	DAMPNER	BUILT IN SCREWED TYPE
15	PROTECTION CLASS	WEATHER PROOF IP65
16	BLOW OUT PROTECTION	REQUIRED AT THE BACK SIDE OF CASE
17	OVER RANGE PROTECTION	130% OF FSD
18	MOUNTING	LOCAL
19	HUMIDITY	0 TO 99%

S. NO.	NFL ITEM CODE	ITEM DESCRIPTION	TYPE	RANGE	PROCESS CONNECTION		DIAL SIZE	QTY (in No.)
1	JA7081448	DIAPHRAGM SEAL VACCUM GAUGE	DIAPHRAGM SEALED	-1 TO 0 Kg/cm <sup>2</sup>	1/2" NPT (M)	BOTTOM	150 mm	4
2	JA7081449	DIAPHRAGM SEAL PRESSURE GAUGE	DIAPHRAGM SEALED	0 TO 16 Kg/cm <sup>2</sup>	1/2" NPT (M)	BOTTOM	150 mm	6

NOTE: 1) COPPER & ITS ALLOY SHALL NOT BE USED.

### Additional Terms & Conditions (ATC)

- I. Guarantee/Warranty: The offered material shall be guaranteed against any manufacturing defect and poor workmanship for a period of 18 months from the date of supply or 12 months from the date of commissioning, whichever is earlier. In case the material fails during guarantee period due to defective material or bad workmanship, you will have to replace/rectify the same free of cost. The guarantee certificate should indicate our order number and your invoice number. **Guarantee/Warranty Certificate** shall be submitted along with dispatch documents at no extra cost to NFL.
- II. Party shall have to submit **calibration certificate** of supplied items along with dispatch documents at no extra cost to NFL.