



**QM-C-7.1/AB/0001/S**  
**Inspection Plan(Check Sheet)**

**Item** : Flange Welded Joints 20mm, 25 mm, 32 mm  
**Specn.** : 04 ABR-02  
**Amd.** :  
**Drg. No. & Alt.** : WD-83062-S-07

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1. Firm's Name :
2. Date (period) of Inspection :
3. Contract Details :
  - a. Contract no. and date. :
  - b. Order placing authority. :
  - c. Specification no. :  
(As mention in contract)
  - d. Drawing no. :  
(As mention in contract)
4. Quantity on order :
5. Quantity offered for inspection on date :
6. Consignee :

***These check sheets do not detail all the dimensions or technical requirements of respective assemblies/components. These check sheets are issued only for General Guidance & assistance of inspecting officials. Notwithstanding the above, the inspecting officials are advised to refer to relevant drawings and/or relevant specifications to confirm conformity to the specified dimensions and technical details.***

Signature of firms Representative

RDSO Representative



## Flange Welded Joints 20mm, 25 mm, and 32 mm

Protective Coating : Applicable/Not Applicable  
Dimensional Checks of flange welded joints : Adequate/Not Adequate

	Fixed Flange	
	Specified Dimension	Observed Dimension
25 mm NB	$76^{\pm 0.4}$ $+0.25$ $34.5^{-0.0}$ 14.0	
20 mm NB	$70^{\pm 0.4}$ $+0.25$ $27.5^{-0.0}$ 16.0	
32 mm NB	$95^{\pm 0.4}$ 20.0	

Signature of firms Representative

RDSO Representative



### Flange Welded Joints 20mm, 25 mm, and 32 mm

Protective Coating : Applicable/Not Applicable  
Dimensional Checks of flange welded joints : Adequate/Not Adequate

	Swivel Flange (Item-3) WD-83062-S-07	
	Specified Dimension	Observed Dimension
25 mm NB	76±0.4 14.5 51.77/52.02 10.03/10.16	
20 mm NB	70±0.4 14.5 43.71/43.97 9.40/9.53	
32 mm NB	95±0.4 16.0 59.77/60.33 10.98/11.10	
20 mm NB (Special)	95±0.4 16.0 59.77/60.33 10.98/11.10	

Signature of firms Representative

RDSO Representative



### Flange Welded Joints 20mm, 25 mm, and 32 mm

Protective Coating : Applicable/Not Applicable  
Dimensional Checks of flange welded joints : Adequate/Not Adequate

	Gasket (Item-1) WD-83062-S-07	
	Specified Dimension	Observed Dimension
25 mm NB	50.3 +0.25/-0 40.0±0.3 6.4±0.2	
20 mm NB	41.25+0.25/-0 31±0.13 6.4 +0.25/-0	
32 mm NB	57.15 +0.25/-0 47.5±0.13 6.4 +0.25/-0	
20 mm NB (Special)	57.15 +.25/-0 47.5±.13 6.4 +.25/-0	

Signature of firms Representative

RDSO Representative



### Flange Welded Joints 20mm, 25 mm, and 32 mm

Protective Coating : Applicable/Not Applicable  
Dimensional Checks of flange welded joints : Adequate/Not Adequate

	Socket (Item-2) WD-83062-S-07	
	Specified Dimension	Observed Dimension
25 mm NB	44.20/44.32 34.5+0.25/-0 4.67/4.83 51.51/51.64	
20 mm NB	35.46/35.59 27.5+0.25/-0 4.67/4.83 43.46/43.59	
32 mm NB	51.33/51.46 43.0+0.25/-0 4.67/4.83 59.51/59.64	
20 mm NB (Special)	51.33/51.46 27.5+0.25/-0 4.67/4.83 59.51/59.64	

Signature of firms Representative

RDSO Representative