

SSGCL/EPADS/30/2102869

1 SPECIFICATIONS FOR FLANGES

1.1

All welding neck flanges under this specification shall be forged or die forged and shall be hot worked and shall be of Ring Joint type / Raised Face type as per Schedule of Requirement. The welding ends of flanges shall be made from unalloyed steel.

1.2

All flanges under this specification shall be forged or die forged and shall be hot worked and shall be of Ring Joint type / Raised Face type, as per Schedule of Requirement.

1.3

The material used for flanges covered by this specification shall be ASTM A 105 for size less than or equal to 12" or ASTM A 694, Grade F 70/F 60/ F 52/ F 46(as specified in schedule of requirement) for sizes larger than 12". The composition of said material (ladle analysis) shall meet the following requirements:

Maximum Carbon content	0.24%
Maximum Silicon content	0.40%
Maximum Manganese content	1.50%
Maximum Sulphur content	0.04%
Maximum Phosphorus content	0.04%

1.4

Dimensions and tolerances shall conform to ANSI B 16.5 (latest edition) and shall be of ANSI rating as specified in the Schedule of Requirement.

2

SPIRAL WOUND GASKETS

2.1

Stainless steel spiral wound Gaskets with inner and outer rings and PTFE as filler material for raised face flanges to ANSI B 16.5 for high pressure natural gas service and rating, Class 600 as per Schedule of Requirement.

Prised

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