

Flange	B16.5	Appedix 2	
Size	24" CL900	24" (same as B16.5)	
Material	105	105	
g0 (mm)	32	32	
MDMT as per code * (°C)	-29	-14	Curve C
MDMT as per code * (°C)	-18	6	Curve B
DP (bar g)	143	143	
DT (°C)	80	80	

* MDMT for B16.5 flange as per UCS-66 (c).

* MDMT for Appendix 2 flange as per Figure UCS-66M Impact Test Exemption Curves and the governing thickness.

* MDMT does not consider the stress ratio.

ASME VIII-1, UCS-66 (c) :“(c) Impact testing is not required for the ferritic steel flanges shown below when they are produced to fine grain practice and supplied in the heat-treated condition (normalized, normalized and tempered, or quenched and tempered after forging) when used at design temperatures no colder than -20°F (-29°C) and no colder than 0°F (-18°C) when supplied in the as-forged condition. (1) ASME B16.5 flanges. (2) ASME B16.47 flanges”.

