



SERVICE SAFETY RELIABILITY

For general inquiries, please
email: info@focusndt.com
Toll-Free: 1.877.862.1638

ALBERTA

817-15th Avenue SW, Unit 702
Calgary, AB T2R 0H8
T. 403.479.4341
F. 403.500.1231

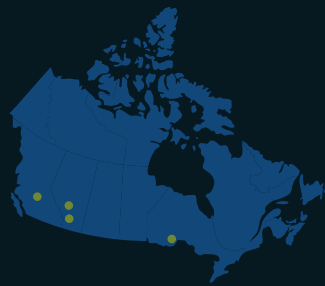
Suite #192-2301 Premier Way
Sherwood Park, Edmonton, AB
T8H 2K8
T. 780.449.1638
F. 780.449.1640

ONTARIO

821 Vickers St North
Thunder Bay, ON P7C 4B9
T. 807.623.1916
F. 807.684.0948

BRITISH COLUMBIA

38-1839 1st Ave
Prince George, BC
V2L 2Y8
T. 250.614.3696
F. 250.564.3697



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RAISED FACE (RT) & RING TYPE JOINT (RTJ) FLANGES

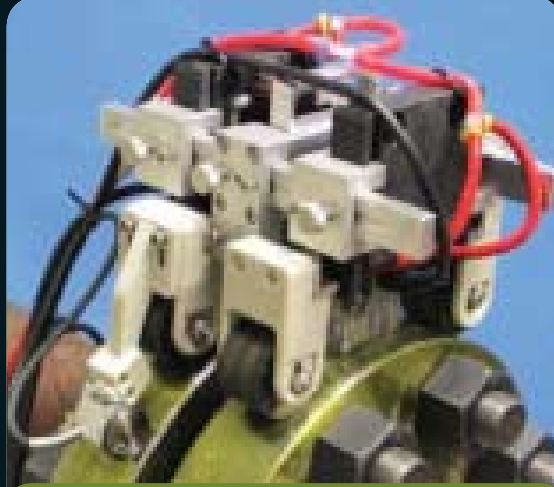
Tight Coupling,
Increased Pressure
Containment



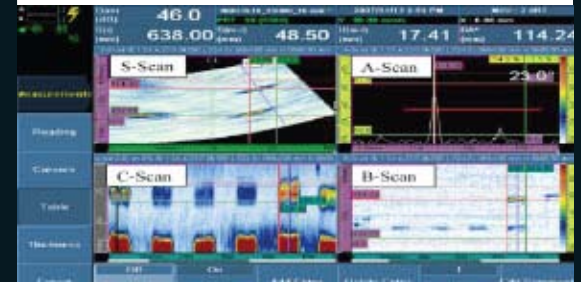
Raised Face (RT) and Ring Type Joint (RTJ) Flanges are the most common seals used in piping systems depending upon the fluid, PT rating, construction material and connecting equipment. The RF Flange seal with a flat gasket is designed for installation between the raised faces of two mating flanges. The raised faces have a prescribed texture to increase their gripping and retaining force on the flat gasket. The RTJ Flanges are generally used in high pressure (Class 600 and higher rating) and/or high temperature services above 427°C.



Corrosion/erosion has a wide range of attack, from bore activity to migration under the seal.



Flange Scanner



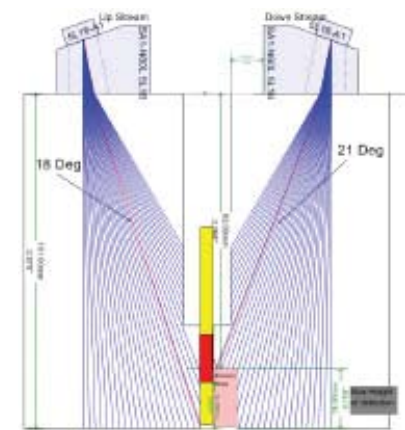
Eroded Flange Raised Face



Calibration / Demonstration Block



Typical Corrosion Pattern



Scan Plan