CSIR - National Metallurgical Laboratory

Materials Science & Technology Division

(Council of Scientific and Industrial Research)

Jamshedpur-831007

Phone: 0657-2345289, E-mail: nparida@nmlindia.org

Fax:0657-2345213, 2345166

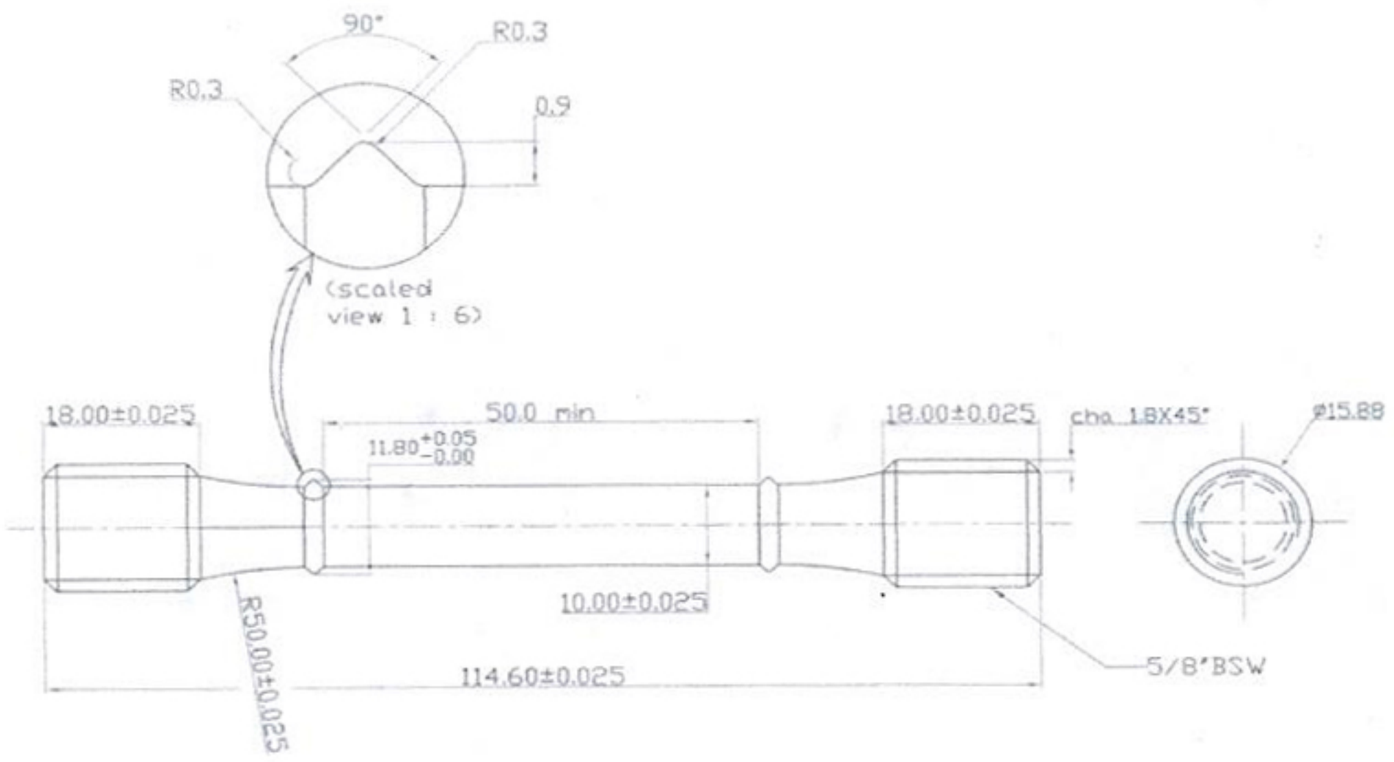
(Report No. NML/MST/STS-0005/Laxcon/Creep/FR/08/2014)

Conducted for Laxcon Steels Limited, Ahmedabad

(Ref: your e-mail dated 07/07/2014, 21/08/2014)

Material: ASTM SA 182 F 316

Specimen Details: Specimen as per the drawing shown below:-



All dimensions are in mm

Test Details:

Type of test: Creep
Machine used: Mayes' single specimen creep testing machine
Standard: ASTM E-139
Test Parameter: Temperature: 600°C, Stress:110 MPa

Test Results: Specimen did not rupture at the test duration of 1000 hours. Material withstood at temperature 600°C and stress 110 MPa for a minimum period of 1000 hours. Strain at 1000 hours = 0.176%

Date: 22nd August, 2014 *Test conducted by:*

Approved by:
Head, Material Sc. & Technology Division

Materials Science And Technology Division
JAMSHEDPUR
National Metallurgical Laboratory

DR. NARAYAN PARIDA
Chief Scientist and Head
Materials Science & Technology Division
CSIR-National Metallurgical Laboratory
Jamshedpur - 831007