## CERTIFIED MATERIAL TEST REPORT Hackney Ladish Inc.

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EJ04GT

Heat Code Quantity Description / Specifications

T-REDS-6-2 A/SA 234 - 03 WPB (SMLS) A106-B 140/670387 AS FORMED

NACE MR0175

Chemical Analysis

 Chemical Analysis

 Heat Code
 Test
 C
 Mn
 P
 S
 Si
 Cu
 Ni
 Cr
 Mo

 EJ04GT
 M
 .160
 .700
 .015
 .009
 .250
 .030
 .030
 .030
 .000

Chemical Analysis (cont.)

Heat Code N V B Ti Cb Sn W Pb Co EJ04GT

Physical Properties

Heat Code Tensile KSI Type Thickness Yield KSI % Elong. (4D) % RA Hardness HB 54.1 36.8 EJ04GT 66.7 L

Charpy Results

Heat Code Size x 10mm Type Temp. (F) Foot Pounds Later. Expansion % Shear

EJ04GT

Test: M=Mill Product Type: L=Longitudinal

We certify that the material herein described has been manufactured in accordance with the above standards and specifications and satisfies all the requirements of the editions specified. We certify all materials provided comply with ISO 10204 paragraph. 3.1 which replaces type 3.1.B of the 1991 edition of EN 10204. Our ISO9001:2000 certificate number is CERT11763-2007-AQ-HOU-RVA/ANAB. We certify these fittings capable of passing hydrostatic test compatible with their rating. The above figures are correct as contained in the records of the Company. This information has been electronically transmitted to our customer.