



CERTIFICATE OF APPROVAL

This is to certify that the following product has been reviewed & approved by an NS-1™ Technical Review Committee.

Date of Approval: 15/08/2008

Valid Until: 14/08/2010

Review Number: FPI 0221/NS-1

Candidate: Postle Industries Inc

Cert/NS-1 Approval Number: 004/08-2

Reviewed Against: AA.03.30.00.1110

Product: Postalloy® Duraband NC Hard Banding

NS-1™ LEVEL 2 PRODUCT APPROVAL (New Application Only)

Scope:

The procedure followed has been to compare the specific requirements of the relevant NS-1™ documentation with the submitted information, and to comment on the conformance or otherwise of the submitted information. The evaluation of the application procedures for Postalloy® Duraband NC Hard banding on drill pipe has been performed in compliance with the general requirements and recommendations as stipulated in NS-1™ Supplementary Requirements, AA.03.30.00.1110 (Rev 09) Section 5, and Sub-Specifications 90.1, 90.3 and 160.

The following data was supplied by Postle Industries Inc. for the purpose of this review.

1. Casing Wear Analysis Data (Non DEA 42 results), 2. Hard-banding Adhesion Test Results, 3. Welding Procedures/Guidelines Rev 1.3, 4. Inspection Guidelines Rev 1.3, 5. Acceptance/Rejection Criteria Rev 1.3, 6. Hardness test Results.

As a result of this review the Duraband NC Hard-banding has been granted approval and is listed as an NS-1 Level 2 approved product and deemed suitable for service when applied per the processes and procedures reviewed and the requirements of NS-1™.

Approved By:

Kevin Fearnley

(Chairman NS-1 Technical Review Committee)

Frank Antonissen

(FP Inc. Review Engineer)