



Certificate number: SMS.W.II/82915/A.0

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RECOGNITION FOR BV MODE II SCHEME

**In-Place Machining Company, Inc
Milwaukee - UNITED STATES OF AMERICA**

Summary of the range of the recognition which is detailed in the subsequent page(s):
METALSTITCH REPAIRS OF CAST IRON MARINE ENGINES AND OTHER CAST IRON MACHINERY, IN-SITU REPAIR OF SPECIFIC ENGINE COMPONENTS AND HULL MACHINERY EQUIPMENT AS SPECIFIED IN THE RANGE OF APPROVAL.

This certificate is issued to attest that BUREAU VERITAS has performed, at the above company's request and in compliance with the requirements of NR320, a satisfactory assessment of the manufacturing facilities and associated quality procedures related to the range of the recognition.

This certificate will expire on: 23 Sep 2014

For BUREAU VERITAS,

At BV PORT EVERGLADES CENTRE, on 31 Dec 2010,

Flavio Rosas



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with. This certificate is issued within the scope of the General Conditions of BUREAU VERITAS Marine Division available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against BUREAU VERITAS for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

BV Mod. Ad.E 697 May 2009

This certificate consists of 2 page(s)

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THE SCHEDULE OF RECOGNITION

1. RANGE OF THE RECOGNITION

In-Place Machining Company has been audited by Bureau Veritas auditor on September 23, 2010. As a result of this audit, the company has been approved to perform the following repairs under specific conditions as stated below.

A) Metalstitch Repairs

Metalstitch repair of cast iron marine engines, and other cast iron machinery in accordance with the process designated by Metalock International Association, London U.K.

B) In-Situ repair of the following specified engine components:

- Refurbishment of crankshaft main and crankpin journals
- Peen straightening of bent crankshaft
- Annealing of crankshaft hard spots found during inspection
- Line boring main bearing pockets
- Boring and sleeving of cylinder upper and lower liner seal surfaces

C) In-Situ repair of the following specified hull machinery:

- Rudder actuating machinery - Pintle and gudgeon taper machining
- Propulsion shaft - journal, bearing and coupling machining
- Stern tube and strut - alignment, boring, and seal machining
- Azimuth drive - bow and stern thruster-jet machining

Bureau Veritas Specific Conditions:

- Any repair is to strictly follow the BV Rules requirements, owners agreement and equipment manufacturer's specifications;
- Bureau Veritas attending surveyor must be informed prior to any repair;
- Prior to any repair or refurbishment as listed under A), B) or C) above, a specific written repair procedure is required to be presented to the BV attending surveyor for review and acceptance;
- The metal stitching process is not allowed on forgings or castings for fired or unfired pressure vessels, crankshafts, propellers and equipment subject to cyclic loading;
- Repairs and/or refurbishment of crankshafts that had been previously subject to surface hardening treatment shall be subject to special consideration by the Society;

2. LIMITATIONS

The approval is limited to conditions listed in the above range of recognition.

Bureau Veritas is to be informed immediately of any modification to manufacturing facilities and associated quality procedures in order to agree on appropriate actions.

In-Place Machining Company, Inc has to apply for the periodical audits as agreed with Bureau Veritas.

3. REMARKS

Nil.

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