



Industrial Sealing Products

American Packing Industries (Philippines) Corporation

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Certificate No. PH98/14100/PH

COMPLETION REPORT

Attention : Engr. Anthony Calumpang
Maintenance Manager

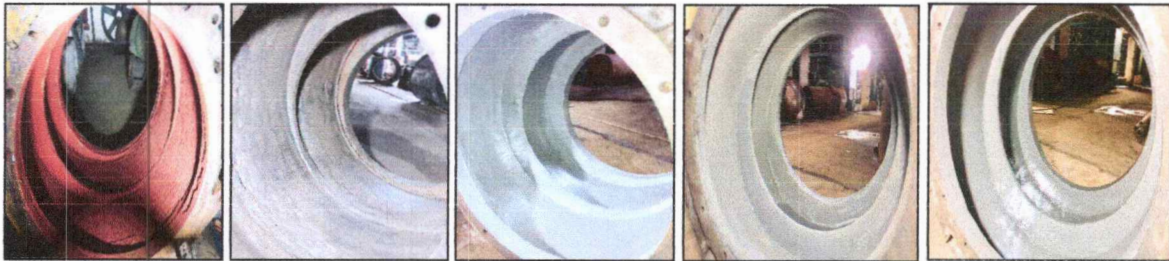
Project : Restoration of 1 unit Nash Vacuum Pump Casing

Client : URC SURE- TOLONG
Sta. Catalina, Negros Oriental

Completion Date : September 13, 2019

Reference P.O. : 4990070921

Project Profile:



A. Scope of work

- 1 Lot, Supply, Labor, Materials, Technical Supervision and consumables for restoration of 1 units Nash Vacuum Pump Casing.
- Proper Surface preparation by means of Power Tooling to have a minimum profile of 25 Microns at metal substrates.
- Application of APC101CP for rebuilding of worn and uneven surfaces up to dimensional finish.
- Application of APC102CF to cover and protect the surface.
- Curing time at least 2 – 3 days
- Delivery to Client.

B. Methodology

Surface Preparation:



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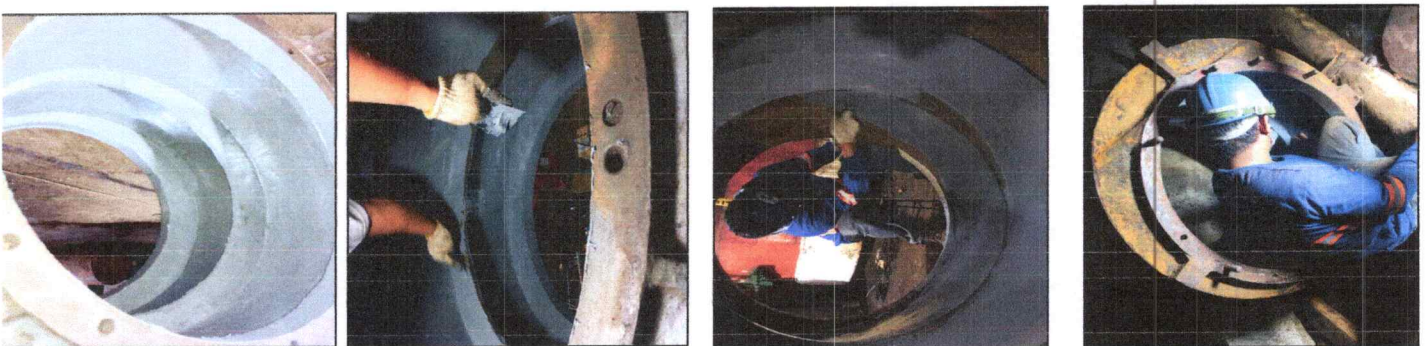


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C.2. Surface Preparation by means of power tooling.



C.2. application of APC101CP: 'Ceramic Carbide Wearing Compound' is a high performance multi purpose ceramic repair compound specifically developed for rebuilding metal components in fluid flow environment damaged by erosion and corrosion.



Packing * Gasket * Oil Seals * Mechanical Seals * Expansion Joints * Spiral Wound Gaskets * Chemical Products * Other Industrial Products



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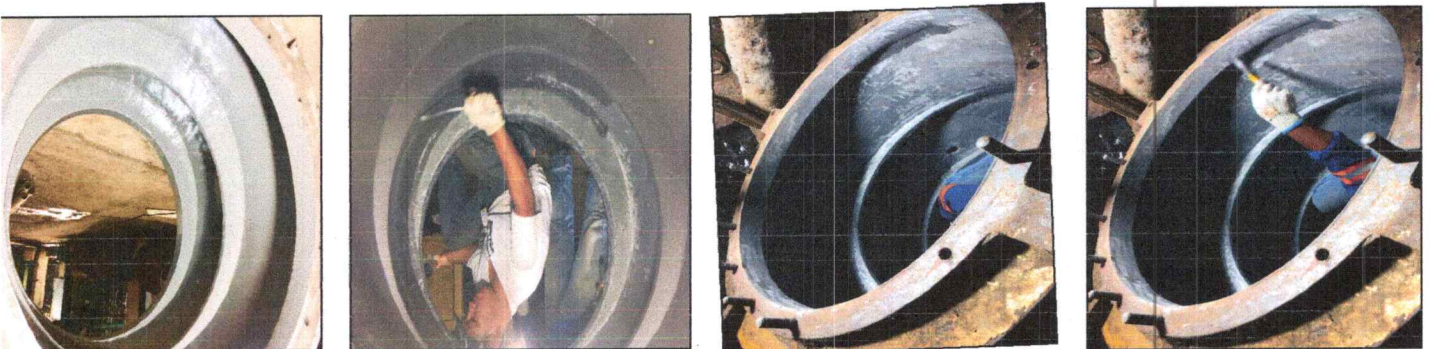
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C.3. Application of APC102CF. 'Abrasion Resistant Ceramic Carbide Fluid' is a high performance fluid grade engineering resurfacing compound designed for use in fluid flow environments



D. Final Turnover of Project:

September 13, 2019

Sincerely Yours,
 Jay Nicdao Jr.
 TMG-Coats Div.

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All dust and loose material should be scraped away. Oil and grease should be removed. Surfaces should be then be abrasive cleaned to near white metal as per ISO 8501:1. All loose abrasive dust and debris must be blown clear vacuum-cleaned away.

Application:

1. Application of APC 101 Ceramic Paste Rebuilding System Material: Ceramic-Carbide Wearing Compound. The mixed material should be pressed firmly onto prepared area; care should be taken to avoid air entrapment on deeply pitted surfaces. Application should be carried out as soon as possible after surface preparation is complete, and certainly the same day. Where a second layer of APC101CP is required, this application must be carried out within the initial set time (60 minutes @ 20 degC or (68 deg F) of the first layer.
2. Application of APC 102 CF Abrasion Resistant Ceramic Carbide Fluid. The mixed material should be applied to prepared area using a clean brush or squeegee, application should be carried out as soon as possible after surface preparation is complete, and certainly on the same day, otherwise flash blasting will be necessary before application. In areas where second layer of APC 102 CF is required, this application must be carried out with the initial set time (3 hours @ 20 deg C (68 deg F)) for the first layer, otherwise the surface must be lightly abraded or flash blasted.
3. After initial curing period of at least 4 hours at 20 deg C (68 deg F), raising the cure temperature progressively to 60 – 100 deg C (140 – 212 deg F) for up to 8 hours will result in improved mechanical, thermal and chemical resistance properties

C. Progress Photos

C.1. before: Nash Vacuum Casing and Rotor/ Impeller

