PCMN achieves ISO 14001 & ISO 18001 certification in 2013

2014 PCMN Launches Mozzi® Range in Nigeria as we join the fight against Malaria in Nigeria
- see page 7 for details
Paints & Coatings Manufacturers Nigeria Plc, is proud to have evolved from the Sole Authorised Importer/Distributor of International Paint products in Nigeria at inception in 2001, to now being the Sole Manufacturer of International Paint in Nigeria. In 2009 PCMN was awarded sole manufacturing rights by International Paint and became a fully fledged Paints & Coatings Manufacturer in Nigeria. PCMN has been listed on the Nigerian Stock Exchange since November 2010.

**JOB CREATION AND LOCAL MANUFACTURING IN ACTION FULLY COMPLIANT WITH LOCAL CONTENT LAW**

PCMN increases its Staff complement from 20 to 120 employees and still climbing as a direct result of manufacturing products in Nigeria.

**Employment Growth Achievement Graph 2001 to 2015**

![Employment Growth Graph](image)

**Proudly Nigerian Manufactured V Imported Product**

![Proudly Manufactured in Nigeria](image)

MANUFACTURING CAPABILITIES

PCMN Plc is fully equipped in every way to meet the needs and demands of the Oil & Gas and Marine Industry in Nigeria. Present installed manufacturing Capacity is 14,000,000 litres per annum. Additional installed capacity underway to increase the manufacturing capacity to 20,000,000 litres per annum.

WORLD CLASS QUALITY

PCMN Plc is an ISO 9001:2008 certified manufacturer. The PCMN Laboratory is equipped to meet the global standards set by International Paint. PCMN has fully qualified chemists who have been trained to meet and exceed the standards of International Paint global quality requirements.

International Paint provide ongoing support to the quality standards of PCMN through regular quality HSE and manufacturing audits ensuring that PCMN meets the global quality and manufacturing standards of International Paint.
A HOLISTIC OFFERING TO CLIENTS IN THE FIELDS OF CORROSION PROTECTION AND COATING SYSTEMS

PCMN Plc, to enhance its service to clientele within Nigeria, offers a complete suite of services to its customers, to complement its manufacturing and distribution capabilities, providing clients with a “one stop shop” solution.

These Holistic services include the following:

Asset Surveys:
• Interplan ® Condition Assessment and Report of a client’s assets: Covering FPSO’s, Platforms, Buoys, Vessels, Tanks, Refineries etc provides clients with a comprehensive report on current condition of assets, highlights the critical, medium and low levels of Corrosion, provides surface area assessments and prioritises works to be undertaken, as well as recommended Specifications (Interspec ® to upgrade clients assets to a good condition)

Project Management:
• PCMN offers Project Management services to clients who wish to outsource the overall management of their Corrosion Protection Projects

Technical Support:
• Through the Provision of NACE Level 2 & 3 Coatings Inspectors to undertake inspections throughout the tenure of a Project or periodically as required, PCMN ensures the quality of application works.

Procurement Services:
• PCMN Procurement Services are able to provide their clients complete needs for corrosion protection projects relating to plant, tools, equipment and consumables for Coating Projects

Training:
• Formal Training and Certification of application personnel in the fields of coatings application, spray painting, blastcleaning and supervision are offered through our globally certified ICATS courses
CASE STUDY: BONGA FPSO

With fabrication works carried out in South Korea, UK and Nigeria, Bonga FPSO was a truly Global Project, with International Paint as the sole choice coatings supplier and PCMN intimately involved in local supply and training of Application teams in Nigeria.

CASE STUDY: ESCRAVOS

A truly global project currently underway with manufacture carried out around the world. International Paint were appointed as the Sole Coatings Supplier for the Project. This project will have used over 500,000 litres of coatings and linings systems on completion. PCMN has fully trained over 200 Nigerian nationals in all facets of corrosion protection systems on this project.

MarINe

With manufacturing capacity in excess of 10 million litres per annum, PCMN is able to meet growing local Nigerian ship-repair market for coastal and deep-sea vessels as well as new vessels built for Nigerian owners around the world.

New fleets of LNG Carriers to meet the demands of Nigeria’s burgeoning Oil & Gas market are needed to transport the liquefied gas around the world.

PCMN manufactured International Paint products with global logistics networks, ensures paints manufactured in Nigeria can be exported and applied to Nigerian vessels built anywhere around the globe thus proving that Nigerian Content Development and capacity building truly works.

**Ballast Tank Coatings**

- Intershield 300 – PSPC approved abrasion resistant ballast tank coating
- Interguard 343 – Epoxy universal primer coating

**Topsides, Decks, Tank External areas**

- Interzinc – Range of Inorganic & Epoxy zinc primers
- Intershield – modified epoxy abrasion resistant coatings
- Interthane – Acrylic urethane topcoat

**Cargo Tanks**

- Interline – Range of pure epoxy & epoxy phenolic tank linings
- Interzone - Chemical resistant reinforced lining systems

**Underwater Hull, (Antifouling Area)**

- Intersmooth – High solids hydrolysing self-polishing system
- Intersleek – biocide free, foul release coating

**Technical Service Support**

Nace qualified Technical Service Representatives on hand from surface preparation to the finish coat to provide sound technical advice to make sure our products are applied to the highest quality standards and correct specification.

Proudly made in Nigeria

ISO 18001:2007 Certified
Mozzi™ - THE SOLUTION!

Mozzi™ is a revolutionary, multi-functional mosquito repellent range that neutralizes a mosquito’s sensors and prevents the mosquito from landing. If a mosquito cannot land it cannot feed, which means it cannot transfer disease.

Mozzi™ provides non-invasive protection against Malaria, Yellow Fever and Dengue Fever carrying mosquitoes.

The multi-functional Mozzi™ range is:

- Non-invasive
- Non-toxic
- Innovative (Nanotechnology-based)

• Mozzi™ Paint Range of Coatings - Protects for up to 3 years - Is suitable for applications to a wide range of substrates and available in over 30 000 colours.
• Mozzi™ Aerosols - Protects from 1 - 3 months
• Mozzi™ Sprays - Protects for up to 3 months
• Mozzi™ Solutions - Protects for up to 1 month

The annual cost of corrosion worldwide is in excess of $3 trillion (USD).

Interplan is bespoke Asset Integrity Survey System which provides a comprehensive condition report for Onshore & Offshore facilities to determine levels of severity of coating failure and corrosion in accordance to ISO standards.

The report additionally provides specific specifications to carry out maintenance repairs. The report also provides a multi-year prioritised maintenance planning system including budget cost to assist maintenance engineers in long term maintenance planning.

The life cycle condition monitoring facility measures actual condition changes against a mode of deterioration model using environment condition definitions defined in ISO 12944.

### External Areas - Deck, Modules, Heli-Deck, Flare Stack, Turret

<table>
<thead>
<tr>
<th>Year</th>
<th>Prioritised Sequence Numbers</th>
<th>Scaffolding, Preparation &amp; Paint Application (Estimate of Total Manhour)</th>
<th>Paint Materials (Estimate of Litres)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 1 - 2013</td>
<td>1 to 31</td>
<td>25,160</td>
<td>22,106</td>
</tr>
<tr>
<td>Year 2 - 2014</td>
<td>32 to 57</td>
<td>24,959</td>
<td>6,263</td>
</tr>
<tr>
<td>Year 3 - 2015</td>
<td>58 to 62</td>
<td>24,784</td>
<td>5,063</td>
</tr>
<tr>
<td>Year 4 - 2016</td>
<td>63 to 73</td>
<td>25,220</td>
<td>3,889</td>
</tr>
<tr>
<td>Year 5 - 2017</td>
<td>74 to 90</td>
<td>23,884</td>
<td>3,567</td>
</tr>
<tr>
<td>Year 6 - 2018</td>
<td>91 to 104</td>
<td>24,108</td>
<td>3,158</td>
</tr>
<tr>
<td>Year 7 - 2019</td>
<td>105 to 114</td>
<td>9,263</td>
<td>971</td>
</tr>
</tbody>
</table>

Training

PCMN is proud to have been appointed as the SOLE training provider for Nigeria for the Institute of Corrosion Applicator Training Scheme, ICATS (UK), which is a world recognised training and certification scheme for coatings applicator.

ICATS is a comprehensive structured training scheme which provides for the development of an education program to develop the skills of all workers within the surface preparation and coatings application industry.

The courses are suitable for both experienced and newly recruited personnel as well as those personnel within Block Operators involved in Corrosion Protection contracts.

**ICATS – INDUSTRIAL COATINGS APPLICATOR TRAINING SCHEME**

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