

Product Development Engineer

Your tasks

The main function of the role is the provision of product development activities to the IEMEA Marine hose range to help meet company targets for growth and profitability.

Carry out design activities to support existing marine hose business.

Coordinate production trials up to verified and approved design.

AREAS OF RESPONSIBILITY / MAIN TASKS

Development of Marine Hose business - Carry out Fluid Handling Product Development projects for textile and steel reinforced hoses

Provide support to other functions & departments as a Product Development team member

Exchange know how throughout regional and global locations

Issuance of technical datasheets as well as design / specification ownership towards manufacturing plants

Hose Development - Develop hose, fittings and assembly specifications to define materials and process steps for building prototypes and final products for textile and steel reinforced marine hose.

Perform local and global analysis of hoses and systems to support the business orders and opportunities

Define and specify tooling as required

Develop and customise hose constructions to improve hose functionality and performance

Define the materials for producing sample hose, fittings and assemblies to fulfill the project/customer requirement

Project Plan - Ensure project plans are defined to reach the Product Development project targets. Regularly review status of projects for timeliness and completion of requirements

Assess product requests from PLC with feasibility studies

Support of Application Engineering, PPI, Operations and Quality departments to satisfy PLC requirements

Product Launch and Localization Support - Work with MPE / PPI to ensure a successful product launch and stable production process (low scrap rate, robust product data)

Coordinate with controller for cost calculations

Provide support to evaluate processability, sample production scrap rate, and sample quality

Support of localization activities (materials-R&D and processes-PPI)

Design Verification Plan

Product Audit plan - Define DFMEA and product DVP to meet the project requirement book and develop test plans and procedures

Define procedures for requalification plan (audit plan)

Supplier



Job ID

REF90463G

Location

Grimsby

Leadership level

Leading Self

Job flexibility

Hybrid Job

Legal Entity

Dunlop Oil & Marine Limited

Development - Work with Technology and Purchasing to define specifications and test procedures for raw material suppliers
Assist in the development of new alternative material suppliers

Product Testing - Define necessary new test methods to check product quality
Organize the prototype testing by labs
Evaluate the test results, documentation of test results for discussion with application engineering and/or customer
Benchmark testing of competitive product

Your profile

Qualifications / Skills Required

Educated to degree level or equivalent in a mechanical engineering related subject.

Must be competent in technical report writing.

Must be a good communicator at all levels.

Ability to manage projects and see through to completion.

Our offer

Competitive pension Scheme

On site gym

Bonus Scheme

Private Medical Insurance

26 days holidays plus bank holidays(pro rata for part time and shift workers)

Opportunity to purchase additional holidays

On site subsidized canteen

Cycle to Work Scheme

Onsite free parking

Ready to drive with Continental? Take the first step and fill in the online application.

About us

Dunlop Oil & Marine is a world leader in the design, manufacture and supply of hoses for the oil, gas and petrochemical industries, for both offshore and onshore based operations.