

Project background

Indaver Ireland is currently constructing a 200,000 tonne Waste-to-Energy facility in Carranstown, Duleek, Co. Meath. Valued at €130 million, the facility represents the largest ever single investment in solid waste management infrastructure in Ireland. The commissioning phase of the plant will begin in March 2011 and the plant should be fully operational by September 2011, at which point it will employ up to 50 Indaver Staff / external contractors.

This information is intended to be used as a guideline only and is in response to requests on possible roles and hiring timeframes and is intended for information only.
All information is subject to change.

By the first Quarter of 2011, the Meath Plant Operations should include the following functions:

Job title	Approximate Start date
Maintenance Senior Technicians Mechanical and Electro & Instrumentation	June 2010
Process Engineer	August 2010
Production Manager	August 2010
Warehouse and Maintenance Administration Officer	September 2010
Maintenance Technicians Mechanical and Electro & Instrumentation	September 2010 – January 2011
Administration and HR officer	January 2011
Shift team Leaders	January 2011
Process Shift Operators	February 2011

**All start dates are approximate and subject to change based on the project progress etc.*

All roles are located in Carranstown, Duleek, Co Meath

Senior Mechanical Maintenance Technician

Senior Electro & Instrumentation Maintenance Technician

Education:

- Ordinary Bachelor Degree in Engineering OR
- Completed apprenticeship with 10 years in the relevant discipline (Construction Plant Fitting, Fitting, or Electrical Instrumentation or Instrumentation).

Work Experience:

- Minimum 5 years as a maintenance supervisor or foreman in the process industry (metallurgy, basic materials, power plant, petrochemicals, cement or calc industry, or shipping).
 - **Senior Mechanical Maintenance Technician** must have comprehensive knowledge of mechanical maintenance (overhaul pumps, valves, fans, reddlers, screws burners, hydraulics)
 - **Senior Electro & Instrumentation Technician** must have comprehensive knowledge of respective electro and instrumentation (electro motors, lighting frequency converters, electro interlocking systems, relays control systems, transmitters, basic PLC, wiring and interlocking)

Responsibilities:

Both Senior Maintenance Technicians will prepare, execute, and/or supervise repair, maintenance and shutdown activities related to the Plant equipment and infrastructure.

- Fault analyses of technical breakdowns, work preparation, material reservation & execution of repair activities.
- Preparation, update and execution of preventive and periodic maintenance programs.
- Review of available spare parts and the creation of new warehouse articles.
- Work preparation and supervision of shutdown activities
- Use of the SAP PM system as support and follow-up tool for the maintenance activities.
- Preparation and execution of small sized improvement and project activities.

They will also be part of the maintenance 24hr on-call system and will be member of the site Emergency Response Team, therefore it is preferable they live near the facility

Process Engineer

Education:

- Honours Bachelor degree or Masters degree in Engineering (Industrial Chemistry, Metallurgy, Environmental Sciences)

Work Experience:

- Experience in continuous operating process industry with furnace / steam boiler combination and flue gas cleaning equipment.
- Knowledge of process equipment and its applications.
- Affinity with quality systems ISO9001 / ISO14001

Responsibilities: The Process Engineer supports the overall operations in order to achieve the operational and process quality improvement objectives of the Plant.

- Preparation of Waste Supply Plan for external waste deliveries.
- Advice Production with regards to process and operational settings.
- Identification and elaboration of optimization opportunities with regards to environmental, quality and operational situations.
- Drafting and updated Production procedures.
- Monitoring of environmental flows and parameters preparation of operational control actions.
- Preparation of Electricity production schedule.

Production Manager

Education:

- Masters Degree in Engineering (Electro-Mechanics, Mechanics, Industrial Chemistry, Metallurgy, Nautical Sciences, Mining)

Work Experience:

- Proven managerial experience within the process industry.
- Knowledge and experience with regards to High Temperature Continuous Process (metallurgy, power generation, cement industry, petrochemicals)
- Experience with safety and environmental management systems
- Minimum 10 years of experience in an industrial environment

Responsibilities:

- The Production Manager of the Meath Waste Treatment Facility is responsible for the organization of the production activities and for operational coordination of the Thermal Treatment Plant in order to process the delivered incoming products taken into account the safety, environmental and planning objectives.
 - Member of the Plant Management Team that has a team responsibility to realize the budgeted production turnover, to manage the global operational budget and to assure the organizational performance with respect to safety, quality and other key performance indicators.
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Warehouse and Maintenance Administration Officer

Education:

- FETAC level 6 award in Warehousing and Inventory Management. FETAC level 5 in Warehouse Operations either a completed apprenticeship in a connected technical field will also be taken into consideration

Work Experience:

- Minimum 5 years experience in a materials warehouse for technical parts.
- Knowledge of technical materials and components.
- Fork Lift driving license

Responsibilities:

The Warehouse and Maintenance Clerk has the responsibility over the daily technical warehouse handling and registration activities. They will also have responsibility for general maintenance administration.

- The supervision and execution of physical warehouse activities
- The execution of technical administrative maintenance activities linked but not excluded to the use of the SAP system

Maintenance Technicians (Mechanical / Electro & Instrumentation)

Education:

- Ordinary Bachelor Degree in Engineering. OR
- Completed apprenticeship in Construction Plant Fitting, Fitting, Electrical Instrumentation or Instrumentation.

Work Experience:

- Proven experience of minimum 5 years as a maintenance technician in the process industry (metallurgy, basic materials, power plant, petrochemicals, cement or calc industry) or as a ships machinist.
- Specific additional requirements related to one of the following disciplines:
 - General mechanical maintenance (overhaul pumps, valves, fans, reddlers, screws, burners) and Hydraulics (overhaul and maintenance of hydraulic systems)
 - General mechanical maintenance and Welding, fitting, and mounting of equipment.
 - General electro techniques Low Tension circuits (motors, lighting, frequency converters, electro interlocking systems, relays control systems) and Instrumentation (transmitters, basic PLC, wiring and interlocking)
 - General Electro techniques, Instrumentation and Emission monitoring devices.

Responsibilities:

The Maintenance Technician will prepare, execute and/or supervise repair, maintenance and shutdown activities related to the Plant equipment and infrastructure.

- Fault analyses of technical breakdowns, work preparation, material reservation and execution of repair activities. These activities can be in the field or in the workshop.
 - Preparation, update and execution of preventive and periodic maintenance programs.
 - Review of available spare parts and the creation of new warehouse articles.
 - Preparation of technical description / scope of activities for the execution of shutdown activities and larger maintenance works.
 - Work preparation and supervision of shutdown activities which are executed by external service suppliers.
 - Use of the SAP PM system as support and follow-up tool for the maintenance activities.
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Administration Officer

Education:

- Ordinary Bachelor Degree in Administration or Commerce OR
- Higher Certificate with relevant professional experience

Work Experience:

- Active knowledge of a second language (German or French) required
- Experience of office applications for the preparation of presentations and data management

Responsibilities:

The Administration Officer of the Meath Waste Treatment Facility is responsible for the general and personnel administration of the Site and will coordinate / execute secretarial activities inclusive reception duties.

- Execution of the personal administration of the Plant Manager, inclusive the preparation of presentations, update of the agenda, management of the documentation file, and making minutes of management meetings.
- Assist the HR Manager with specific HR related tasks
- Preparation of purchase requests and similar technical administrative activities
- Coordination and administrative follow-up of office services
- Preparation and guidance of visits, guided tours and meetings.

Shift team Leaders

Education:

- Bachelor degree. Extended experience as a shift team supervisor in the continuous process industry in lieu of a diploma will also be considered.

Work Experience:

- Proven experience of minimum 10 years as shift operator or shift relief foreman in a 24hr/24hr 7d/week operation in the process industry. (Metallurgy, mining, basic materials, power plant, petrochemicals, cement or calc industry).
- Experience and knowledge of furnaces, boiler systems and process installations
- Having acted as panel operator for minimum 3 year of a full automated process plant
- Managerial skills for leadership and coaching of qualified shift operators

Responsibilities:

The Shift Team Leader coaches, supervises and leads a team of 3 operators in order to operate the plant according to the operational procedures and instructions whereby specific production and QESH targets are primary observed.

- Assure a safe and clean work area without accidents or technical safety losses
- Obtain an operational output as set by the budget and respecting the QESH performance indicators
- Execute a preventive maintenance program for a part of the installation
- Establish the necessary safety conditions to allow maintenance activities.
- Supervise and execute the operational control of the installation

Process Shift Operators

Education:

- Leaving certificate with technical subjects (physics, chemistry and technology) either completed apprenticeship in a process industrial environment

Work Experience:

- Minimum 5 years experience as operator in the process industry (metallurgy, basic materials, power plant, petrochemicals, mass production industry) or as a ship machinist.
 - Having acted as a panel operator of a full automated process plant is an advantage
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- Experience and knowledge in maintenance of mechanical equipment is an advantage.

Responsibilities:

The Shift Operator is a member of the Shift Team that autonomously controls and executes the operations of the plant, this according to the operational procedures and instructions.

- Scheduling of waste and feeding of the bunker waste to the incinerator by means of the overhead crane
- Monitoring and controlling of the Plant Operations by means of the process computer (incineration process, gas cleaning, steam & condense system, electricity production)
- Execution of preventive and corrective maintenance actions inclusive the lubrication and cleaning of equipment
- Unload / loading of process residues by means of forklift or wheel loader
- Acceptance of process consumables and replacement or fill-up of respective vessels
- Preparation and execution of safety related installation release activities towards maintenance and operational activities.
- Execution of operational field activities like stop & start-up of the installations, unblocking transport systems

General Employment Conditions

Working Hours

Shift Team Leader and Shift Operators will operate in a 4 shift system pattern:

- Night shift runs from 11pm till 7am, for 7 days followed by 3 days of rest
- Early shift runs at 7 am till 3pm, for 7 days followed by 2 days of rest
- Late shift runs from 3pm till 11pm, for 7 days followed by 2 days of rest

After respective 3 shifts, a regular day week from Monday to Friday 8am – 4:30pm will be run.

The Maintenance technicians have all fixed working hours, Monday to Friday 8am – 16:30pm.

Maintenance technicians will also be members of the plant emergency response team which will require some specific abilities.

Other roles have working hours dependent on their functions on site.

We offer you

- An exciting and challenging job in a state of the art Greenfield process plant
- A multifunctional job with real responsibility and career opportunities
- Fair remuneration package including salary, pension scheme (defined contribution), allowances
- A pleasant working environment with on site facilities
- An open work environment where initiative, development, and teamwork are encouraged

Each position will be advertised as they arise and no applications will be accepted before the positions are formally advertised to ensure a fair and transparent recruitment process. All employment offers will be subject to Irish employment law and local terms and conditions.
