

FICHA DE PERFIL DE CICLO FORMATIVO

Nombre completo del ciclo formativo

Superior technician in Industrial Chemistry

Skills that the student must develop

- * To coordinate the daily work and the materials flow according to the planning of the production.
- * To guarantee the efficacy and safety of the equipments and facilities verifying the functioning of them.
- * To ensure that associated auxiliary and cogeneration services provide the necessary conditions by checking its operation.
- * To coordinate the set of operations of starting of the process, synchronizing the equipments, the auxiliary services and the availability of the material and human resources.
- * To ensure the traceability of the process by managing the documentation and recording of data in accordance with established protocols for quality
- * To resolve unforeseen situations acting on the deviations of the parameters of process.
- * To assure an effective coordination in the works, especially in the changes of shift and in processes of intervention, cooperating in the overcoming of the difficulties that present.
- * To value the quality systems for the production process relating it to the productive efficacy

Possible companies (to specify the positions to be occupied in every type of company)

- Analytical Laboratories and Quality Control
- Cement company
- Refinery
- Treatment of Chemical Residues
- Sewage treatment plant(Filter system)

Possible tasks in the workplace

- If it is on floor it would be gathered from samples and measurements.
- And in the Laboratory:Preparation of Dissolutions
- Gravimetría
- Volumetrías
- Chemical kinetics
- Analysis and quantification of various analytes of water
- PH measurements
- Spectrophotometric Analysis

Etc.

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