TECHNICAL
EDUCATION
ACADEMY

School of Engineering

COURSE PROGRAMME

000362

MAIN015 - Preservation of material and equipment at site

The production process provides that some of the equipment may not be used for a long time.



Learn from the Best in the Business!

Course overview

Duration: 3 days / 24 hours · Intermediate level

Why take this course

The production process provides that some of the equipment may not be used for a long time. There are situations when the machines and mechanisms of an entire plant or a separate workshop are idle for a long time. To keep all this equipment in its original form, it must be preserved. All units that will not be used for a long period of time are subjected to such measures, while their maintenance is not expected.

Who it is for and how it helps

This course is intended for all employees who are directly related to the warehouse.

What you will learn

- Determine the scope and tasks of preservation work
- Properly conduct equipment acceptance and storage
- Apply preservation methods to protect equipment from damage
- Conduct inspection of equipment and materials upon arrival
- Preserve equipment during cargo operations and temporary heating of modules
- Perform preservation work for various types of equipment, including mechanical, electrical, and pipelines
- Organize storage and inventory of other ancillary materials and spare parts
- Use software modules to manage the preservation process
- Conduct de-preservation and re-preservation of equipment
- Comply with safety and environmental protection requirements during preservation work

Curriculum

Modules 01–09

01 Objectives and Tasks

- Introduction
- Definitions and Abbreviations

02 Scope

- Scope

03 Equipment Acceptance

- Equipment Acceptance

04 Storage

- Storage

05 Preservation Methods

- Preservation Methods

06 Inspection of Equipment and Components Upon Arrival

- Inspection of Equipment and Components Upon Arrival

07 Preservation During Cargo Operations

- Preservation During Cargo Operations

08 Temporary Heating of Modules Upon Receipt of Modular Equipment

- Temporary Heating of Modules Upon Receipt of Modular Equipment

09 Preservation Works

- Introduction to Preservation Works
- Pressure Vessels
- Mechanical Equipment

Curriculum

Modules 09–15 · Module 09 — continued

- Electrical Equipment
- Battery Storage
- Pipeline Elements and Pipelines
- Control and Safety Valves
- Other Mechanical Equipment
- Preservation of Stainless Steel Pipeline Elements and Pipelines
- Carbon Steel Pipelines
- Fittings and Flanges

10 Storage of Other Component Materials

- Paint
- Catalysts, Chemicals
- Anchor Bolts
- Steel Structures

11 Spare Parts

- Spare Parts

12 Application of Software Modules for Equipment and Materials Preservation

- Application of Software Modules for Equipment and Materials Preservation

13 Preservation Means

- Preservation Means

14 Depreservation of Equipment and Facilities

- Depreservation of Equipment and Facilities

15 Represervation

- Represervation

Curriculum

Modules 16–17

16 Safety Requirements

- Safety Requirements

17 Environmental Protection Requirements

- Environmental Protection Requirements

Programme instructor



Михаил Арабов

Инструктор по подготовке и переработке нефти и газа Михаил Арабов помогает нефтяникам и газопереработчикам улучшить производственный процесс и достичь долгосрочных преимуществ для своих компаний. К.х.н., доцент Астраханского государственного технического университета, Михаил обладает более чем 40-летним опытом работы в различных сферах нефтяной и газовой промышленности.

Михаил является автором пяти изобретений и более 100 рационализаторских предложений, которые были успешно внедрены на газоперерабатывающем заводе. Он также опубликовал более 100 научных статей в центральных и местных изданиях, направленных на улучшение работоспособности оборудования, экономию ресурсов и создание экологически безопасных технологий.

Михаил Арабов - высококвалифицированный специалист в области добычи, переработки нефти и газа. Он автор учебного пособия «Техника и технология добычи и подготовки нефти, газа и утилизации пластовых сточных вод» и множества научных трудов.

Михаил получил высшее образование и степень кандидата химических наук. Он окончил Томский политехнический институт по специальности «Инженер-технолог редких и рассеянных элементов», а также Астраханский Государственный университет, где получил дополнительное образование в области механики бурения и нефтепромыслового оборудования.

Михаил имеет богатый опыт работы в нефтегазовой отрасли, включая должности главного инженера по проектированию и строительству заводов по сжиженному газу, заведующего кафедрой «Машины и оборудование нефтяных и газовых месторождений», а также руководителя проекта по строительству морской буровой ледостойкой платформы для месторождения на каспийском море. Также в свое время работал начальником теплоцеха и установок по стабилизации углеводородного конденсата, нефти, утилизации пластовых сточных вод.

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Participant ratings

Programme evaluation based on participant feedback

Overall programme rating — 4.5 / 5

Clarity of learning objectives	**4.7 / 5**
Confidence in applying knowledge and skills	**4.7 / 5**
Achievement of learning objectives	**4.6 / 5**
Relevance of content to job tasks	**4.7 / 5**
Suitability of difficulty for the level of preparation	**4.7 / 5**
Increase in knowledge	**4.6 / 5**
Skills development	**4.7 / 5**
Willingness to recommend the programme to colleagues	**4.7 / 5**

15 responses

Joining the programme

Contact the Academy and quote course code 000362 to confirm dates, delivery format, prices and enrolment terms.

Training for your team

Tell us your business goals, the roles and number of participants, and your preferred dates and location. This will help us discuss the right training option.

Preparing for the programme

The published programme does not specify any prerequisites. Contact us before enrolling to confirm how to prepare.

Discuss your training needs

mail@tecedu.org
www.tecedu.academy

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