



TURNAROUND & SHUTDOWN MANAGEMENT

Managing Successful Turnaround & Shutdown

HRDF

www.zohlgroup.com

COURSE CODE: H-ME-07

LEVEL: Basic to Intermediate

LANGUAGE: Bahasa & English

OVERVIEW

Turnaround is one of the most significant events which an operation plant faces. In order to ensure that the Turnaround is used as a opportunity to ensure the reliable continued operation of the plant during the interim periods between events and that the Total Cost to the Business is minimized, it is essential that we fully understand what works must be carried out during the event. Implementation of a Turnaround Management is always aimed to meet four main criteria: high standard of HSE, good working quality, optimum Turnaround cost and optimum duration. The Turnaround Management team generates work activities starting with clearly defined Turnaround mission, key performance indicators that assist the team to align their work activities to meet all these targets. Turnaround requires precision planning and maximum efficiency. No matter what size of your organization's turnaround are, they will have dramatic impacts on your output levels and bottom-line profitability. As the need for increasing productivity and business results continues across all industries, the effective management of turnarounds becomes crucial. Plant reliability is essential to achieving desired output levels and business success. Planning and managing shutdowns, turnarounds and outages in the process plant environment is a complex and demanding function. If turnarounds are not properly planned, managed and controlled, companies run the risks of serious budget overruns, costly schedule delays and negative impacts on customers.

OBJECTIVES

Participants attending the program will:

- Will have better understanding the causes of Turnaround failures and how to overcome the issues
- Understand the importance to have proper Turnaround Management process
- To enhance the company's turnaround management capabilities, and to ensure a team approach in the planning and execution of plant shutdowns and turnarounds
- Provide a comprehensive understanding of effective turnaround management techniques and implementation
- Create awareness of planning methods and an integrated organisational approach in the execution of successful turnarounds
- Incorporate latest developments in turnaround planning and management techniques and emerging industry trends
- Have a much clearer understanding of their own and every other team members role in ensuring a successful turnaround.

COURSE DURATION

2 days (9am—5pm)

Tea Breaks: 10:30am & 3:30pm | Lunch: 1:00pm-2:00pm

Note: Please contact our office for Training Date or visit our website for details (www.zohlgroup.com)

METHODOLOGY

Managing shutdowns, turnarounds and outages is a hands-on, stimulating learning experience. This training program will be highly interactive, with opportunities to advance your opinions and ideas. Participation is encouraged in a supportive environment. To ensure the concepts introduced during the program are understood, they will be reinforced through a mix of learning methods, including lecture style presentation, open discussion, case studies, and group work. Main key learnings from this training program will be embedded as part of the participants continuous improvement efforts at the their workplaces in order to improve in the next future Turnaround or Shutdown preparations.

COURSE BENEFITS

In this training program you will learn and benefit:

- How to develop a Turnaround or Shutdown strategy
- Management of all stages of the shutdown process
- Develop the management plan, work plans, resource plans and budget
- How to deal with Turnaround related issues such as risk and safety
- Review and learn current industry trends in handling turnarounds and related tasks
- Minimizing turnaround over-runs and costs with effective scope development
- Optimizing turnaround requirements to minimize planning duration and consequently reduce its cost

COURSE CONTENT

Turnaround & Shutdown Strategy

- Introduction to Shutdown and Turnaround
- Why Turnarounds and Shutdowns are required
- Key success factors in Turnaround Management performance
- Barriers in the implementation of the Turnaround Management
- Long term strategic plans
- Turnaround risk management
- Formation of turnaround organization, roles & responsibilities

Turnaround & Shutdown Tactics & Preparation

- The shutdown and turnaround phases
- Scope development process
- Inspection
- Capital projects and plant modifications
- Planning
- Scheduling
- Cost estimation
- Contract strategy-types of contracts and contractors

Turnaround & Shutdown Execution Plan - Part 1

- Detailed planning
- Resources planning
- Quality planning and management
- HSSE planning and HSSE Management
- Revision and review of procedures
- Procurement and Materials Management

Turnaround & Shutdown Execution Plan - Part 2

- Trainings
- Contingency and risk mitigation plans
- Pre Turnaround planning
- Execution and Cost Control
- Dealing with emergent and additional works
- Communication and progress reports
- Turnaround Performance KPIs
- Turnaround Readiness Assessment
- Turnaround Closure and Lessons Learnt

Note: Course Content subject to further review

Customized In-House Training Program is available in the following areas:

Administrative Skills | Career Development | Human Resources | Personal Development | Sales & Marketing | Leadership & Management | Workplace Essentials | Entrepreneurship | Soft Skills | HSE | Engineering | Telecoms | IT

CALL US FOR DETAILS or VISIT OUR WEBSITE AT WWW.ZOHLGROUP.COM



Sebarang pertanyaan sila hubungi Cik Niesa

ZOHL Consultancy Sdn Bhd (332967-D)(SST ID:W10-1810-32000429)

M2-15-02, Level 15, 8trium Tower 2, Jalan Cempaka SD 12/5

Bandar Sri Damansara, 52200 Kuala Lumpur

T: 03.6279.9276 F: 03.6279.0663 HP: 013.398.1038 E: training@zohlgroup.com



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TARGET AUDIENCE

This program is designed to address the needs of:

- Turnaround Directors or Shutdown Managers and Coordinators
- Planning/Scheduling and Cost Control Staff
- Construction Superintendents and Supervisors
- Operations Shutdown/Outage Coordinators
- Project Managers, Engineers and Contract Administrators
- Plant Managers • Inspection groups • Maintenance groups
- Participation from Contracts & Procurement, HSE group and Engineering groups are also encouraged.

LOCATION

Mindset Discovery Center™@ZOHL, M2-6-08, Level 6, 8trium Tower 2, Bandar Sri Damansara, Kuala Lumpur (other Regions please contact our office)

COURSE FEE

RM1,272 per person incl. 6% SST
(Fee inclusive of Course Material, Attendance Certificate, and Meals)

CERTIFICATE

Participants will be issued a Certificate of Attendance/Accomplishment upon successful completion of this training program. Full attendance is a pre-requisite.

CIDB CCD Points

20 (for CIDB-Registered Companies) & upon approval from CIDB

HRDF SBL KHAS

Claimable under HRDF SBL KHAS Scheme (for Companies contributing to HRDF)

REGISTRATION METHOD

1. **Online:** http://zohlgroupp.com/hrdf_registration/ **OR**
2. Download this brochure at: <http://zohlgroupp.com/all-brochures/> and fill up the required information. Then please fax to: 03.6279.0663
3. Or contact our office at: 03.6279 9276 / 013.398.1038

FACILITATOR



Sathy Vel Naidu - Sathy has more than 25 years of experience in the Mechanical and Electrical (M&E) industry. Over the span of his career he has gained significant knowledge in project management, electrical systems troubleshooting & maintenance, and systems design & engineering. In addition to managing projects he has also started sharing his knowledge through training services under ZOHL Technical Programs.

Education:

- ◇ Electrical Chargeman License
- ◇ Certificate in Westinghouse Electrical Systems
- ◇ Power Systems Auditor for Procter & Gamble
- ◇ Radiation Safety Training for Honeywell TDC 3000

Experience:

- ◇ Electrical Technician for Hitachi Electronics Devices Singapore
- ◇ Testing & commissioning supervisor for Toyo Engineering
- ◇ Asst Engineer for FPG Oleochemicals Sdn Bhd
- ◇ Maintenance Manager FPG Oleochemicals sdn Bhd
- ◇ Engineering Director at Pakat Perkasa Sdn Bhd
- ◇ Lightning & Earthing Protection Systems Trainer for Celcom
- ◇ Electrical Trainer for Leighton Offshore
- ◇ Technical Trainer @ZOHL

*Note: Trainer availability is subject to change

REGISTRATION FORM

Participant#1: _____

Position: _____

IC No: _____

Participant#2: _____

Position: _____

IC No: _____

Training Date: _____

Training Venue: _____

Organization: _____

Address: _____

Contact Person: _____

Position: _____

Tel: _____

Fax: _____

Email: _____

Company Website: _____

PAYMENT

CASH: RM _____ OR

CHEQUE No: _____

Please fax your bank-in slip to 03.6279.0663 or scan your bank-in slip and email to plbk@zohlgroupp.com

*Please make your cheque payable to:

ZOHL Consultancy Sdn Bhd



Account No:
514392303373

Signature & Company Stamp

Note:

- Date & venue of seminar subject to changes
- Payment must be made 7 days before the training date
- Registration cancelled 7 days prior to the event is subject to RM100 service charge per participant
- No refunds for notice received less than 7 days prior to the event. A substitution may be made at any time at no extra charge.
- Program content may change subject to revision by our consultants from time to time.
- Full fee is required with your registration. 5% Group discount is available - min 3 pax.

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