



MAIRODI MANDIRI SEJAHTERA

TRAINING, CONSULTING & ENGINEERING SERVICES

Alamat: Gedung Dapenpos Lt.2, Jl. PH.H. Mustofa No.35 , Bandung, Indonesia, 40124
Telp/Fax: +62-22- 721 5416 / 721 5668 Homepage: www.mairodi-training.com

Training Syllabus: **ASME VIII DIV.1 PRESSURE VESSEL**

INTRODUCTION :

Training ASME VIII div.1 akan membahas tentang ASME standard yang mengatur tentang persyaratan-persyaratan umum dalam proses desain pressure vessel, desain komponen-komponen, pemilihan material, proses fabrikasi, examination and testing. Fokus utama dalam pelatihan ASME VIII div.1 adalah desain shell and head dari pressure vessel untuk kondisi internal ataupun external pressure, reinforcement pada opening, desain proteksi terhadap brittle fracture serta minimum design metal temperature (MDMT).

TRAINING MATERIAL OUTLINE :

1. Introduction to the ASME B&PV Code
2. General Requirements of Section VIII, Division 1
3. Design Criteria and Strength Theory of Division 1
4. General Design Rules
 - Shells for internal pressure
 - Heads for internal pressure
5. Design Rules
 - Shells for external pressure
 - Heads for external pressure
 - Flat covers
 - Openings
6. Sizing of Stiffeners
7. Design for External Loadings
8. Definition of Joint Categories and Joint Efficiencies
9. Fabrication Requirements
 - Post weld heat treatment (PWHT)
 - Tolerances
 - Non-destructive examination (NDE)
 - Welding requirements and weld details
 - Carbon and low alloy material requirements
 - High alloys
 - Heat treated materials
10. Testing requirement

INSTRUCTOR : Tinon Widita,ST.

VENUE : Yogyakarta (Ibis Styles Hotel/ Ibis Malioboro Hotel/ Jambuluwuk Hotel/ Cavinton Hotel/ Grand Zuri Hotel, dll)

TRAINING DURATION : 3 days



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TRAINING TIME :

Januari 2024	Februari 2024	Maret 2024	April 2024
3 - 5 Januari 2024	5 - 7 Februari 2024	4 - 6 Maret 2024	1 - 3 April 2024
8 - 10 Januari 2024	12 - 14 Februari 2024	12 - 14 Maret 2024	22 - 24 April 2024
15 - 17 Januari 2024	19 - 21 Februari 2024	18 - 20 Maret 2024	29 April – 1 Mei 2024
22 - 24 Januari 2024	26 - 28 Februari 2024	25 - 27 Maret 2024	
29 - 31 Januari 2024			
Mei 2024	Juni 2024	Juli 2024	Agustus 2024
6 - 8 Mei 2024	3 - 5 Juni 2024	1 - 3 Juli 2024	5 - 7 Agustus 2024
13 - 15 Mei 2024	10 - 12 Juni 2024	8 - 10 Juli 2024	12 - 14 Agustus 2024
20 - 22 Mei 2024	19 - 21 Juni 2024	15 - 17 Juli 2024	19 - 21 Agustus 2024
27 - 29 Mei 2024	24 - 26 Juni 2024	22 - 24 Juli 2024	26 - 28 Agustus 2024
		29 - 31 Juli 2024	
September 2024	Oktober 2024	November 2024	Desember 2024
2 - 4 September 2024	1 - 3 Oktober 2024	4 - 6 November 2024	2 - 4 Desember 2024
9 - 11 September 2024	7 - 9 Oktober 2024	11 - 13 November 2024	9 - 11 Desember 2024
16 - 18 September 2024	14 - 16 Oktober 2024	18 - 20 November 2024	16 - 18 Desember 2024
23 - 25 September 2024	21 - 23 Oktober 2024	25 - 27 November 2024	26 - 28 Desember 2024
	28 - 30 Oktober 2024		

INVESTMENT PRICE/PERSON :

1. Rp. 6.500.000/person (full fare) or
2. Rp. 6.250.000/person (early bird, payment 1 week before training) or
3. Rp. 5.950.000/person (if there are 3 persons or more from the same company)

FACILITIES FOR PARTICIPANTS:

1. Training Module
2. Flash Disk contains training material
3. Certificate
4. Stationeries: NoteBook and Ballpoint
5. T-Shirt
6. Backpack
7. Training Photo
8. Training room with Full AC facilities and multimedia
9. Lunch and twice coffeekbreak every day of training
10. Qualified Instructor