

For Electrician, Fitter, Diesel Mech., and Welder TP-25hrs & TT-7 hrs. per WEEK

For COPA TP- 30hrs. & TT-6 hrs. per WEEK

LESSON PLAN (FOR RELATED THEORY PART)

TRADE : Welder	SEM:	I	YEAR-1				
LEARNING OUTCOME	2	Week no -7	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">EXERCISE NO</td> <td style="width: 50%;">LESSON NO (REF TO PRACTICAL):</td> </tr> <tr> <td style="height: 20px;"></td> <td style="height: 20px;"></td> </tr> </table>	EXERCISE NO	LESSON NO (REF TO PRACTICAL):		
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DAY (1)	Hrs (2)	Major topics/Lesson Title (Reference syllabus) (3)	Details of each day plan (Explanation) /Sub topics (Reference NIMI book) (4)	Text and media content to be displayed for viewing (5)	Media nature (i.e., 2D image/ 3D image / animation video/ Simulation etc.,) (6)	Whether Direct teaching or digital video for self learning (7)	Type of assessment Assessment (like Quiz, Identify, Fill in the blank, MCQ, etc.) (8)
1		Welding positions as per EN & ASME: flat, horizontal, vertical and overhead position.	Definition of Welding position as per EN	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Definition of Welding position as per ASME	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Types of welding position	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Flat position	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Horizontal Position	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Overhead Position	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
2		Weld slope and rotation	Definition of Axis of weld ,Face of weld .	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Explain of Weld Slop	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment

			Explain of Weld Rotation	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
3		Welding symbols as per BIS & AWS	Necessity of welding symbol	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Advantages of welding symbols	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Elementary symbols as per as per BIS & AWS	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment
			Supplementary symbols as per as per BIS & AWS	Text & Images	PPT Slides	Direct teaching /Video	Quiz and Assignment