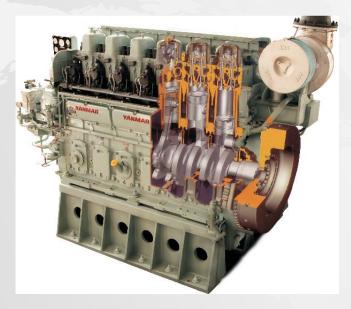
# OVERVIEW OF YANMAR TECHNICAL TRAINING SCHOOL (INDIA)



### Course Durations: 5 days

## Course Applicability : 2/A/E & 3/A/E



**Course at Yanmar Technical Training Schools** 

- Training engine, of 1MW, 2012 built, is IMO Tier 2 compliant
- Training combines theory with hands-on practice
- Comprehensively covers engine, associated equipment, electrical & control systems



-helps spread and enhance expertise in O&M of 4-Stroke engines.

- -Course content, QC and certification are by Yanmar
- Trainers are factory trained
- Batch size is limited to a maximum of 7
- Course is offered only to Yanmar users





# YANMAR TRAINING SCHEDULE-(INDIA)

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#### **Training Schedule**

	0900 ~ 1000	1000 ~ 1100	)	1100 ~ 1200	1200 ~ 1300	1300 ~ 1400	1400 ~ 1700
Day 1 <sup>st</sup> (Monday)	• Self-introduction and	COMPANY PROFILE • All about Yanmar/I	nd-Aust	Operationg     Principles of Diesel	L	<ul> <li>Cycle Operation</li> <li>Valve Operation</li> </ul>	MAJOR DIESEL ENGINE COMPONENTS • Fuel injection nozzle and Pump
	<ul><li>which skill you want</li><li>Attention for Safety</li></ul>	<ul> <li>Large Power Produ operation Division</li> </ul>	icts	Engine     Basic Theory and     Construction	U	Load Application     on AC generator	<ul> <li>Operating principles and functions <u>HANDS ON TRAINING</u></li> </ul>
	Air intake and Exhaust s	system	GOVERNOR		N	use HANDS ON TRAINING	<ul> <li>FO Injection nozzle and injection pump</li> <li>Starting System</li> </ul>
Day 2 <sup>nd</sup> (Tuesday)	<ul> <li>Turbocharger function &amp; Boost Air Pressure</li> <li>Principle of Exhaust gas turbocharger</li> </ul>		<ul> <li>Principles of Mechanical and Hydraulic type Governor</li> </ul>		с	YANMAR'S hydraulic governor	Principle of Air starting motor <u>HANDS ON TRAINING</u>
	HANDS ON TRAINING     Exhaust gas turbocharger ( RH / MET type )				н		<ul> <li>Air Starting Motor (TDI 45 MA)</li> </ul>
Day 3 <sup>rd</sup> (Wednesday)	<ul> <li>Introduction of Yanmar's latest Technology</li> <li>Model : EY22</li> <li>Exhaust gas Emission</li> </ul>		HANDS ON TRAINING     Disassemble 6N21AL engine     Handling of Hydraulic tool			<ul> <li>Measuring the width of piston top ring groove</li> </ul>	<ul> <li>Reassemble 6N21AL engine</li> <li>Adjust the valve clearance</li> <li>Setting FO injection timing</li> </ul>
	Design concept of model EY series		Measuring inner diameter     of cylinder liner		T		Crankshaft Deflection
Day 4 <sup>th</sup> (Thursday)	HANDS ON TRAINING Removal & fitment of Main Bearing				M	<ul> <li>Engine start, stop and Operation</li> <li>Start-up procedure</li> <li>Check after stop</li> </ul>	<ul> <li>HANDS ON TRAINING</li> <li>Engine start and run</li> <li>Measuring engine performance data</li> </ul>
Day 5 <sup>th</sup> (Friday)	<ul> <li>LO AND COOLING WATER</li> <li>LO quality and requiren</li> <li>Cooling water quality and requirements</li> </ul>	ements     • Check points of HFO operating condition				TROUBLE SHOOTING	QUESTION AND ANSWER • Training review