

Maintenance Training Programme – Adler Technoserve

High technology companies run a number of critical processes and systems on a 24X7 basis. Companies cannot afford any disruption in the operation of these systems. This leads to built-in redundancies in equipment and processes to ensure availability at all times. Availability of power and correct climate control is essential to keep the systems and equipment safe and running efficiently. This responsibility falls on the Administration and Maintenance Departments. Though most of the actual operation and maintenance is outsourced, the supervision, management and most importantly responsibility for timely and correct maintenance remains with the company.



Many a times, the personnel responsible for the maintenance management are not conversant with the equipment installed and the correct processes that need to be followed. They also become dependent on what the vendor says and does because he claims to be more qualified. Knowing own equipment and the latest trends in maintenance are essential to prepare and negotiate better maintenance contracts with your vendors also.

We, at Adler Technoserve with more than 50 years of experience in operation and maintenance of critical systems on ships, submarines, maintenance yards and shipbuilding yards know the importance of knowing your equipment. We understand the criticality of timely and correct maintenance and the correct processes that need to be followed. We have experience in operation and maintenance of Power Generation and Distribution Systems, HVAC systems, hydraulic systems, pneumatic systems, control systems and sensors.



We have developed a multi-layered programme for training your maintenance managers and engineers which will allow them to undertake their duties in a more efficient manner and help you keep your systems running efficiently at all time.

S No	Workshop Description	Duration (Days)
Level – 1. Basic Equipment Training		
a.	<p>Power Generation</p> <ul style="list-style-type: none"> i. Construction of a diesel prime-mover. ii. Construction of generator. iii. Auxiliary systems for power generators. iv. Critical parameters. v. Transformer. vi. Power distribution basics. 	1
b.	<p>Air Conditioning Systems</p> <ul style="list-style-type: none"> i. Basics of air-conditioning. ii. Types of air-conditioning systems. iii. Construction of air-conditioning systems. iv. Operation of air-conditioning system. v. Critical parameters. 	1
c.	<p>Waste Treatment Plants</p> <ul style="list-style-type: none"> i. Basics of sewage and water treatment systems. ii. Construction of sewage and water treatment systems. iii. Auxiliary systems for sewage and water treatment plants. iv. Plumbing in buildings. v. Material of plumbing. vi. Monitoring of sewage and water treatment plants and plumbing. 	1
Level 2. Maintenance and Technical Management		
d.	<p>Maintenance Management</p> <ul style="list-style-type: none"> i. What is maintenance? ii. Why is maintenance required? iii. Types of maintenance. iv. Modern trends in maintenance. v. Comparison of maintenance systems. vi. Maintenance documentation. 	1

S No	Workshop Description	Duration (Days)
e.	Technical Management <ul style="list-style-type: none"> i. Types of spares. ii. Inventory management. iii. Vendor management. iv. Contract specification. v. Contract negotiation. vi. Contract management. 	1

Level 3. Advanced Equipment Training

f.	Specific Generator Installed in Organisation <ul style="list-style-type: none"> i. Construction of diesel prime-mover. ii. Construction of generator. iii. Auxiliary systems. iv. Critical parameters to be monitored. v. Maintenance. 	1 day for each make of generator
g.	Specific HVAC System Installed in Organisation <ul style="list-style-type: none"> i. Construction of system. ii. Auxiliary systems. iii. Critical parameters. iv. Maintenance. 	½ day for each make of plant
h.	Specific Sewage Treatment Plant Installed in Organisation <ul style="list-style-type: none"> i. Construction of the plant. ii. Auxiliary Systems. iii. Critical parameters. iv. Maintenance. 	1

Level 4 – Advanced Maintenance Training

i.	Earthing and Motor Maintenance	1
j.	Vibration, alignment and condition monitoring	1
k.	Vibration in industrial machines	1
l.	Alignment of rotating machines	1

S No	Workshop Description	Duration (Days)
<i>m.</i>	Root cause failure analysis	1
<i>n.</i>	Failure mode effect analysis	1
<i>o.</i>	Condition monitoring of industrial machines	2

For more details or to arrange for a visit to your plant/ organisation for a more in-depth discussion, please contact us.

Contact Us

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