

1. Title	Repair mechanical governors									
2. Code	EMPERM310A									
3. Range	Repair mechanical governors in general industrial plants, power plants or other places.									
4. Level	3									
5. Credits	3									
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <table border="0"> <tr> <td style="vertical-align: top;">6.1</td> <td style="vertical-align: top;">Common failures of mechanical governors and methods of eliminating them</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Be familiar with the common failures of mechanical governors and methods of eliminating them, including: <ul style="list-style-type: none"> • Static failures or common failures during operation • Repairing methods and content • Points to note • Quality requirements for work </td> </tr> <tr> <td style="vertical-align: top;">6.2</td> <td style="vertical-align: top;">Procedures of repairing mechanical governors</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Perform routine and fault repairs properly for mechanical governors <ul style="list-style-type: none"> • Disintegration and assembly of parts • Testing after repair ◆ Find the common failures of governors <ul style="list-style-type: none"> • Jam, swinging, misoperation, etc. • Unable to maintain no-load operation </td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in repairing mechanical governors</td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> ◆ Follow manufacturer's repair guidelines to formulate your own repair schedule ◆ Find out the causes of common failures and repair them </td> </tr> </table>	6.1	Common failures of mechanical governors and methods of eliminating them	<ul style="list-style-type: none"> ◆ Be familiar with the common failures of mechanical governors and methods of eliminating them, including: <ul style="list-style-type: none"> • Static failures or common failures during operation • Repairing methods and content • Points to note • Quality requirements for work 	6.2	Procedures of repairing mechanical governors	<ul style="list-style-type: none"> ◆ Perform routine and fault repairs properly for mechanical governors <ul style="list-style-type: none"> • Disintegration and assembly of parts • Testing after repair ◆ Find the common failures of governors <ul style="list-style-type: none"> • Jam, swinging, misoperation, etc. • Unable to maintain no-load operation 	6.3	Professionalism in repairing mechanical governors	<ul style="list-style-type: none"> ◆ Follow manufacturer's repair guidelines to formulate your own repair schedule ◆ Find out the causes of common failures and repair them
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7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> (i) Capable to perform routine and fault repairs for mechanical governors independently; (ii) Capable to locate common failures according to the performance of the governor; and (iii) Capable to complete simple reports on mechanical governor repair. 									
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses general bench fitting techniques and elementary mechanical knowledge.									