

## CORE OBJECTIVES (ENS)

1. <b>Engineering Solutions</b>	Code	ES initials and Date of Assessment			
		G	K	E	C
<p><b>1.1 Have experience in identifying and defining a problem accurately.</b></p> <p>Take an active part, probably in a supporting role, in researching, assembling and assessing basic data.</p> <p>Record involvement in your Quarterly Reports and demonstrate the thought/analytical process by which the problem was finally defined.</p>	<b>E</b>				
<p><b>1.2 Gain practical experience in the identification and evaluation of alternative solutions to a problem.</b></p> <p>Assist in the technical and financial evaluation of alternative.</p> <p>Have a good working understanding of the design concepts of the projects on which you work, and the effect of any other external constraints on the design principles.</p> <p>Detail in your Quarterly Reports your appreciation of the factors involved in the choice of the adopted solutions.</p>	<b>E</b>				
<p><b>1.3 Have a good working appreciation of the application and limitations of national and international Standards, Codes of Practice, Technical Memoranda, etc.</b></p> <p>List the documents you have used.</p> <p>Discuss their relevance to your work in your Quarterly Reports.</p>	<b>E</b>				
<p><b>1.4 Have a good working understanding of the user requirements, product and/or service specifications.</b></p> <p>Appreciate the work involved in preparing a specification.</p>	<b>E</b>				

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2. Implementation Process	Code	ES initials and Date of Assessment			
		G	K	E	C
<p><b>2.1 Operation &amp; Management of Contract</b></p> <p><b>2.1.1 Have a good working understanding of how all parties to a contract exercise their duties and responsibilities by appreciating the practical application of the various documents forming a particular contract.</b></p> <p>Demonstrate your knowledge in a Quarterly Report and discuss with your supervisor.</p> <p><b>2.1.2 Have a good working understanding of the procedure and keep record for the issue and/or receipt, registration and filing of work instructions and/or drawings and amendments.</b></p> <p>Gain practical experience of those procedures and demonstrate by reference in your Quarterly Reports.</p> <p><b>2.1.3 Be able to keep accurate daily record of events and instruction.</b></p> <p>Keep an un-to-date, accurate daily diary for inspection by the supervisor.</p> <p><b>2.1.4 Read and co-ordinate drawings and/or implement work instructions by being involved on a day-to-day basis in this process.</b></p> <p>Demonstrate competence by the quality of your work.</p> <p><b>2.2 Procurement, Manufacture, Quality Assurance and Testing</b></p> <p><b>2.2.1 Have Experience of production methods, planning, quality assurance and control methods, progress methods and the associated documentation from the procurement of raw materials and/or the components of a system through production or site assembly to testing of final product, the component parts of a system and/or the complete system.</b></p> <p>The context may vary depending upon the business nature of your employer.</p>	<p>E</p> <p>E</p> <p>E</p> <p>C</p> <p>E</p>				

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2. Implementation Process	Code	ES initials and Date of Assessment			
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<p><b>2.3 Installation, Commissioning, Operating &amp; Maintenance</b></p> <p><b>2.3.1 Obtain knowledge and experience in these activities.</b></p> <p><b>2.3.2 Through working experience be familiar with works test procedures for major plants and/or product, and able to appraise the information contained in a test report.</b></p> <p>Describe your understanding in the Quarterly Report and correlate your finding with the specification clauses.</p> <p><b>2.3.3 Be familiar with handling, assemble and installation of equipment and plants on site, with emphasis on control of workmanship and safety.</b></p>	<p>E</p> <p>E</p> <p>E</p>				

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3. Project Management	Code	ES initials and Date of Assessment			
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<p><b>3.1 Planning and Scheduling</b></p> <p><b>3.1.1 Be able to plan and schedule the activities involved in a project. The size of which depends on the situation.</b></p> <p><b>3.2 Control and Monitoring</b></p> <p><b>3.2.1 Be able to measure the progress against the schedule and make necessary amendment to the original schedule as required.</b></p> <p>Have a good working and appreciate of the importance of and practise in time management.</p>	<p>E</p> <p>E</p>				