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PROGRESS TEST - MODULE 4

Output 7  
Ecole Centrale de Lille

**ERASMUS+ KA2 Strategic Partnership**  
**2018-1-TR01-KA203-058252 Immersive Business and Engineering English in Virtual Reality: A tool for the Sustainable Mobility of the Skilled Workforce in the EU (I-BEE-VR)**

• **TASK 2**

**Step 1.** Write a report based on the information provided on the chart below. (ASSESSMENT)

<b>Product Type:</b> Industrial Boiler <b>Product ID:</b> BO98-765-TI8710-0034	
<b>Quality Control Issues</b>	<b>Solutions</b>
<ul style="list-style-type: none"><li>• Burner not functioning properly -Not generate heat efficiently</li></ul>	<ul style="list-style-type: none"><li>• Replacement of burner pumps, heads and nozzles</li></ul>
<ul style="list-style-type: none"><li>• Leaks</li></ul>	<ul style="list-style-type: none"><li>• Welding</li></ul>
<b>Quality Assurance Issues</b>	<b>Solutions</b>
<ul style="list-style-type: none"><li>• Manual - missing warnings in the section of “how to put industrial boiler into operation”</li></ul>	<ul style="list-style-type: none"><li>• instructions related to installation to be explained</li></ul>
<ul style="list-style-type: none"><li>• Packaging -missing labels</li></ul>	<ul style="list-style-type: none"><li>• Proper location of the labels “this side up” and “hold up”</li></ul>

Adapted from <http://www.meerwasser-bw.de/faq/gas/253.html>



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Reality: A tool for the Sustainable Mobility of the Skilled Workforce in the EU (I-BEE-VR)**

**Answer key:**

The aim of this report is to state the issues encountered during the quality inspection process of the newly-designed industrial boiler with the code number BO98-765-TI8710-0034. Before the release of the product, a number of quality conformance tests were performed. Although the product proved conformance to a majority of criteria, four specific issues in total were detected related to quality control and quality assurance processes.

Regarding the quality control process, the inspections on BO98-765-TI8710-0034 revealed two issues: improper functioning and leaks. The first issue detected on the industrial boiler was about burner functioning. After a series of trials, it was found out that the boiler did not generate heat efficiently. As a solution to this issue, burner pumps, heads and nozzles should be replaced. What the inspection unit will do is to retest the product after the replacement. Another issue detected during the quality control inspection is the leaks. It is recommended that the leaks should be welded before the boiler is released.

Two quality assurance issues were diagnosed in BO98-765-TI8710-0034 concerning the manual and packaging. The issue related with the manual was that there were missing warnings in the section of "how to put industrial boiler into operation". In order not to damage the equipment, the instructions related to installation should be explained in more detailed manner. As for packaging of the product, some labels were detected to be missing, which may result in possible safety problems during shipment. As a solution, what the company should do is to locate the labels of "this side up" and "hold up" properly.

In conclusion, the issues detected in the product BO98-765-TI8710-0034 pertaining to quality control and quality assurance processes have been presented as outlined in the quality criteria. In addition to the solutions suggested in detail above, preventive action procedures should be conducted before the manufacturing process of the industrial boiler is initiated. This will definitely increase prospective customer satisfaction as well as competitive advantage of the company in the market.



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**Step 2.** Evaluate your partner's report in accordance with the provided rubric.

<i>Name of the reviewer:</i>			
<i>The report is written by:</i>			
<b>CONTENT</b>	<b>1 Poor</b>	<b>2 Average</b>	<b>3 Excellent</b>
The aim of the report is clearly presented			
Background information of the issues is provided			
The issues are identified in detail in body paragraph/s			
Suggested solutions to fix the issue/s are clearly stated			
A summary of the issues is presented in the concluding paragraph			
<b>STRUCTURE &amp; ORGANIZATION</b>	<b>1 Poor</b>	<b>2 Average</b>	<b>3 Excellent</b>
The report is written using formal language			
Appropriate vocabulary is used			
Transition signals are appropriate			
Grammatical structures are used accurately			
The text is punctuated accurately			
<b>Total Score:</b>	<b>..... / 30</b>		



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**Answer key:**

The students evaluate their partner's report in accordance with the provided rubric. The reports will be evaluated out of 30. The students are expected to discuss their evaluations with their partners.

Report Grading Criteria for Instructors	
<b>Organization (20%)</b>	-Division of paragraphs (2 %) -Linking words and connectors (8 %) -Unity (5 %) -Coherence (5 %)
<b>Content (30%)</b>	-Introductory paragraph (8 %) -Body paragraph/s (18 %) -Concluding paragraph (4 %)
<b>Use of English (20%)</b>	-Grammar (6 %) -Vocabulary (6 %) -Spelling/Punctuation (2 %) -Formal tone (6 %)
<b>Total Score</b>	..... / 70*

\* This report writing activity involves combining peer-evaluation scores (30 %) together with instructor's evaluation scores (70 %), which in total will be out of 100.