## Specification of Competency Standards of the Watch & Clock Industry <u>Unit of Competency</u>

## Functional Area: Product Management

Range         This unit of competency (UoC) is applicable in the research and development department of timepiece companies. It covers the abilities to master the relation between the use of timepiece materials and production technology; select and apply appropriate technology in product development and production after making analysis.           Level         4           Credit         6 (for reference only)           Competency         Performance Requirements           1. Understand technologies related to timepiece production         • Understand technologies related to timepiece production           • Understand technologies related to timepiece market         • Know about the commonly used materials for timepiece production           • Understand technologies related to tols         • Electroplating equipment and tools           • Electroplating equipment of timepiece materials and production         • Charactensitics of materials           • Watch dial treatment tools         • Safety standards for finished productis           • Introduce newly developed and improved materials to improve or develop new products         • Know about the quality reliability of newly developed materials           • Introduce newly developed and improved materials         • Implement improved or newly developed materials           • Introduce newly developed materials         • Tork which was about the quality reliability of newly developed materials           • Now about the quality reliability of newly developed materials         • Test the quality reliability of newly developed	Title	Master the Technological Development of Timepiece Materials and Production
timepiece companies. It covers the abilities to master the relation between the use of timepiece materials and production after making analysis.           Level         4           Credit         6 (for reference only)           Competency         Performance Requirements           1. Understand technology: seriated to timepiece production         • Understand technologies related to timepiece production           • Understand technologies related to timepiece market         • Understand technologies related to timepiece market           • Know about the commonly used materials for timepiece production         • Understand the development of timepiece market           • Know about the commonly used materials for timepiece production         • Characteristics of materials           • Watch dial treatment tools         • Electroplating equipment and tools           • Electroplating equipment of timepiece materials and production         • Safety standards for finished productis           2. Master the technology in each process of timepiece product development according to the development tertonology to product developed materials         • Throduce newly developed and improve or develop new products           • Know about the quality reliability of newly developed materials         • Know about the quality reliability of newly developed materials           • Introduce newly developed and improve or develop new products         • Know about the quality and application of newly developed materials           • Introduces uneyl developed on newly developed	Code	
Credit         6 (for reference only)           Competency         Performance Requirements           1. Understand technologies related to timepiece production         • Understand the channels to obtain, analyze and process technological information related to timepiece production           • Understand the development trend of the timepiece market         • Know about the commonly used materials for timepiece production           • Understand the development trend of the timepiece market         • Know about the commonly used materials for timepiece production           • Characteristics of materials         • Watch dial treatment tools           • Electroplating equipment and tools         • Safety standards for finished products           2. Master the technological development to fimepiece materials and producton         • Select and apply appropriate technology in each process of timepiece product development according to the development thend of relevant technology, the conditions of the company and customers' demand           • Introduce newly developed and improved materials to improve or develop new products         • Know about the quality and application of newly developed materials           • Implement improved or newly developed materials         • Test the quality reliability of newly developed materials           • Implement improved or newly developed materials         • Implements made of newly developed materials           • Implement improved or newly developed materials         • Implements material envestigation and survey technology to obtain accurate market information, so as	Range	timepiece companies. It covers the abilities to master the relation between the use of timepiece materials and production technology; select and apply appropriate technology in product
Competency         Performance Requirements           1. Understand technologies related to timepiece production         • Understand the channels to obtain, analyze and process technological information related to timepiece production           • Understand the development trend of the timepiece market         • Know about the commonly used materials for timepiece production           • Understand the development trend of the timepiece production         • Characteristics of materials           • Watch dial treatment tools         • Safety standards for finished products           2. Master the technological development of timepiece materials and production         • Select and apply appropriate technology in each process of timepiece product development accordigical development tend of relevant technology, the conditions of the company and customers' demand           • Introduce newly developed and improved materials to improve or develop new products         • Know about the quality and application of newly developed materials           • Introduce newly developed and improved materials         • Implement improved or newly developed materials           • Introduce newly developed and improved materials         • Improve product quality and application of newly developed materials           • Introduce newly developed and usery technology to obtain accurate market information, so as to understand user needs (including the psychological index which has gained weight in recent years)           • Master the degree of market recognition and acceptance of time-pieces or components made of newly developed materials           • Elec	Level	4
<ul> <li>1. Understand technologies related to timepiece production         <ul> <li>Understand the channels to obtain, analyze and process technological information related to timepiece production</li> <li>Understand the development trend of the timepiece market</li> <li>Know about the commonly used materials for timepiece production                 <ul> <li>Characteristics of materials</li> <li>Watch dial treatment tools</li> <li>Electroplating equipment and tools</li> <li>Safety standards for finished products</li> </ul></li> <li>Master the technological development of timepiece materials and production</li> <li>Select and apply appropriate technology in each process of timepiece product development according to the development tend of relevant technology, the conditions of the company and customers' demand</li></ul></li></ul>	Credit	6 (for reference only)
<ul> <li>Criteria</li> <li>Master the technological development relevant to timepiece product development, and select new technology to meet organizational development after making careful analysis, so as to enhance the effectiveness in performing the duty of product development and manufacturing of timepiece products; and</li> <li>Test the quality, application and reliability of newly developed materials.</li> </ul>	Competency	<ol> <li>Understand technologies related to timepiece production         <ul> <li>Understand the channels to obtain, analyze and process technological information related to timepiece production</li> <li>Understand the development trend of the timepiece market</li> <li>Know about the commonly used materials for timepiece production                 <ul></ul></li></ul></li></ol>
Remark	Assessment Criteria	<ul> <li>Master the technological development relevant to timepiece product development, and select new technology to meet organizational development after making careful analysis, so as to enhance the effectiveness in performing the duty of product development and manufacturing of timepiece products; and</li> </ul>
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