

Specification of Competency Standards
for the Jewellery Industry
Unit of Competency

Functional Area - Research and Product Development

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| Title | Foster the progress of research and development of jewellery products |
| Code | 108914L6 |
| Range | This unit of competency is applicable to practitioners who work in workplaces related to the jewellery industry. Practitioners should be capable of establishing research and development culture in the enterprise, so as to motivate the enterprise to engage in research and development of jewellery products, as well as to understand the human capital pricing mechanism, venture capital system and financing support, thus fostering the progress of product research and development. |
| Level | 6 |
| Credit | 3 |
| Competency | <p>Performance Requirements</p> <p>1. Master the keys to foster research and development of jewellery products</p> <ul style="list-style-type: none"> • Master the keys to foster research and development of jewellery products, such as know about the significance of research and development of jewellery products to the development of the company, know how to fight for resources, monitor and encourage product research and development, and monitor the protection of intellectual property <p>2. Foster the progress of research and development of jewellery products</p> <ul style="list-style-type: none"> • Know about the significance of research and development of jewellery products • Explain to the enterprise's managerial staff and relevant departments the significance and urgency of research and development of jewellery products to the enterprise by establishing the core culture in the enterprise • Allocate resources appropriately to meet the need of product research and development, and fight for external resources, such as manpower, equipment and capital, to foster product research and development • Formulate strategies to monitor and encourage product research and development <ul style="list-style-type: none"> ○ Systematically monitor the progress of product research and development to rectify projects that cannot meet the target, and reward staff with contribution to product research and development, so as to further foster product research and development ○ Respect intellectual property and incorporate the protection of intellectual property into the policy of product research and development, and establish appropriate monitoring mechanisms • The human capital pricing mechanism in the growing high-tech enterprise <ul style="list-style-type: none"> ○ The human capital pricing method of the entrepreneur ○ Evaluation of the motivation and efficiency of stock options • The venture capital system and financing support in the growing high-tech enterprise <ul style="list-style-type: none"> ○ The role of investment in the growing high-tech enterprise ○ Analysis of China's current financing system for high-tech enterprises <p>3. Professionalism</p> <ul style="list-style-type: none"> • Ensure that the products meet international standards, the product quality meets customers' requirements, and the staff have a clear understanding of the requirements of quality management • Implement comprehensive quality management to ensure that the product quality meets customers' requirements and international standards, so as to enhance the production efficiency and economic benefits of the organization. |

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| Assessment Criteria | The integrated outcome requirements of this unit of competency are: <ul style="list-style-type: none">• Able to apply product research and development of jewellery strategically, making it the foundation of corporate development;• Incorporate product research and development of jewellery into the development direction of the company, formulate relevant policies and principles to allocate resources, and fight for external resources to foster product research and development; and• Establish appropriate monitoring and reward mechanisms, and protect intellectual property. |
| Remark | |