## Specification of Competency Standards for the Fashion Industry Unit of Competency

## Functional Area - Production Planning and Control

Code         110285L5           Range         Formulate a material requirements plan to guide the material procurement and delivery based on the master production schedule. This applies to individuals who are required to plan for the material requirements to ensure the necessary materials are available in the right quantity and at the right time stipulated in the master production schedule.           sevel         5           Credit         3           Competency         Performance Requirements 1. Knowledge in the subject area Be able to         Be able to           appraise the role and functions of material requirements plan (MRP) in fashion manufacturing         specify the data required for material requirements planning (e.g. order information, bill of material (BOM), inventory)           examine the organisational policy in material procurement and inventory management apply a range of specialised techniques and approaches to calculate the requirements for the materials used in the fashion manufacturing           2. Application and process Be able to         Be able to           analyse the material requirements to determine the required inventory levels, material order quantities and deliveries           devise a MRP to schedule the material procurement and delivery (e.g. material schedule)           identify material requirements issues and devise contingency measures for coping with unexpected situations           communicate and disseminate the MRP to related parties for feedback and make adjustments when necessary           set criteria for evaluating the effectiveness of MRP		
Range         Formulate a material requirements plan to guide the material procurement and delivery based on the master production schedule. This applies to individuals who are required to plan for the material requirements to ensure the necessary materials are available in the right quantity and at the right time stipulated in the master production schedule.           evel         5           Credit         3           Competency         Performance Requirements 1. Knowledge in the subject area Be able to           Bable to         appraise the role and functions of material requirements plan (MRP) in fashion manufacturing           specify the data required for material requirements planning (e.g. order information, bill of material (BOM), inventory)           examine the organisational policy in material procurement and inventory management application and process Be able to           2. Application and process Be able to           analyse the material requirements to determine the required inventory levels, material order quantities and deliveries           devise a MRP to schedule the material procurement and delivery (e.g. material schedule)           idevise a MRP to schedule the material procurement and delivery (e.g. material schedule)           idevise a MRP to schedule the material procurement and delivery (e.g. material schedule)           idevise of the role assery           set criteria for evaluating the effectiveness of MRP           3. Exhibit professionalism Be able to           everse MRP facilitate the continuous production	Title	Formulate a material requirements plan
on the master production schedule. This applies to individuals who are required to plain for the material requirements to ensure the necessary materials are available in the right quantity and at the right time stipulated in the master production schedule.           Level         5           Credit         3           Competency         Performance Requirements           1. Knowledge in the subject area         Be able to           appraise the role and functions of material requirements plan (MRP) in fashion manufacturing         appraise the role and functions of material requirements planning (e.g. order information, bill of material (BOM), inventory)           examine the organisational policy in material procurement and inventory management         appraise to process           Be able to         examine the order information and MPS for the timeline and the materials required in th production           analyse the material requirements to determine the required inventory levels, material order quantities and deliveries         devise a MRP to schedule the material procurement and delivery (e.g. material schedule)           i. identify material requirements issues and devise contingency measures for coping with unexpected situations         communicate and disseminate the MRP to related parties for feedback and make adjustments when necessary           i. set riteria for evaluating the effectiveness of MRP         3. Exhibit professionalism           Be able to         work collaboratively with related parties in performing material requirements planning (e.g. purchasing department)	Code	110285L5
Credit       3         Competency       Performance Requirements         1. Knowledge in the subject area       Be able to         appraise the role and functions of material requirements plan (MRP) in fashion manufacturing       specify the data required for material requirements planning (e.g. order information, bill of material (BOM), inventory)         examine the organisational policy in material procurement and inventory management       apply a range of specialised techniques and approaches to calculate the requirements for the materials used in the fashion manufacturing         2. Application and process       Be able to         examine the order information and MPS for the timeline and the materials required in th production         analyse the material requirements to determine the required inventory levels, material order quantities and deliveries         devise a MRP to schedule the material procurement and delivery (e.g. material schedule)         identify material requirements issues and devise contingency measures for coping with unexpected situations         communicate and disseminate the MRP to related parties for feedback and make adjustments when necessary         set criteria for evaluating the effectiveness of MRP         3. Exhibit professionalism         Be able to         work collaboratively with related parties in performing material requirements planning (e.g. purchasing department)         ensure MRP facilitate the continuous production         Assesessment       The integrated outc	Range	on the master production schedule. This applies to individuals who are required to plan for the material requirements to ensure the necessary materials are available in the right quantity and
Competency       Performance Requirements         1. Knowledge in the subject area       Be able to         appraise the role and functions of material requirements plan (MRP) in fashion manufacturing       specify the data required for material requirements planning (e.g. order information, bill of material (BOM), inventory)         examine the organisational policy in material procurement and inventory management       apply a range of specialised techniques and approaches to calculate the requirements for the materials used in the fashion manufacturing         2. Application and process       Be able to         examine the order information and MPS for the timeline and the materials required in th production         analyse the material requirements to determine the required inventory levels, material order quantities and deliveries         devise a MRP to schedule the material procurement and delivery (e.g. material schedule)         identify material requirements issues and devise contingency measures for coping with unexpected situations         communicate and disseminate the MRP to related parties for feedback and make adjustments when necessary         set criteria for evaluating the effectiveness of MRP         3. Exhibit professionalism         Be able to         work collaboratively with related parties in performing material requirements planning (e.g. purchasing department)         ensure MRP facilitate the continuous production         Assessment         The integrated outcome requirements of this UoC are the abil	Level	5
<ul> <li>1. Knowledge in the subject area         <ul> <li>Be able to</li> <li>appraise the role and functions of material requirements plan (MRP) in fashion manufacturing</li> <li>specify the data required for material requirements planning (e.g. order information, bill of material (BOM), inventory)</li> <li>examine the organisational policy in material procurement and inventory management</li> <li>apply a range of specialised techniques and approaches to calculate the requirements for the materials used in the fashion manufacturing</li> </ul> </li> <li>Application and process         <ul> <li>Be able to</li> <li>examine the order information and MPS for the timeline and the materials required in th production</li> <li>analyse the material requirements to determine the required inventory levels, material order quantities and deliveries</li> <li>devise a MRP to schedule the material procurement and delivery (e.g. material schedule)</li> <li>identify material requirements issues and devise contingency measures for coping with unexpected situations</li> <li>communicate and disseminate the MRP to related parties for feedback and make adjustments when necessary</li> <li>set criteria for evaluating the effectiveness of MRP</li> </ul> </li> <li>Exhibit professionalism         <ul> <li>Be able to</li> <li>work collaboratively with related parties in performing material requirements planning (e.g. purchasing department)</li> <li>ensure MRP facilitate the continuous production</li> </ul> </li> <li>Assessment         <ul> <li>Cheintegrated outcome requirements of this UoC are the abilities to accomplish:</li> <li>Formulation of a material requirements plan to ensure the necessary materials are available for smooth production in the right quantity and at the right time s</li></ul></li></ul>	Credit	3
<ul> <li>Formulation of a material requirements plan to ensure the necessary materials are available for smooth production in the right quantity and at the right time stipulated in the master production schedule.</li> </ul>	Competency	<ol> <li>Knowledge in the subject area         <ul> <li>Be able to</li> <li>appraise the role and functions of material requirements plan (MRP) in fashion manufacturing</li> <li>specify the data required for material requirements planning (e.g. order information, bill of material (BOM), inventory)</li> <li>examine the organisational policy in material procurement and inventory management</li> <li>apply a range of specialised techniques and approaches to calculate the requirements for the materials used in the fashion manufacturing</li> </ul> </li> <li>Application and process         <ul> <li>Be able to</li> <li>examine the order information and MPS for the timeline and the materials required in the production</li> <li>analyse the material requirements to determine the required inventory levels, material order quantities and deliveries</li> <li>devise a MRP to schedule the material procurement and delivery (e.g. material schedule)</li> <li>identify material requirements issues and devise contingency measures for coping with unexpected situations</li> <li>communicate and disseminate the MRP to related parties for feedback and make adjustments when necessary</li> <li>set criteria for evaluating the effectiveness of MRP</li> </ul> </li> <li>Exhibit professionalism         <ul> <li>work collaboratively with related parties in performing material requirements planning (e.g. purchasing department)</li> </ul> </li> </ol>
Remark	Assessment Criteria	<ul> <li>Formulation of a material requirements plan to ensure the necessary materials are available for smooth production in the right quantity and at the right time stipulated in the</li> </ul>
	Remark	