Unit 705 Slinging and signalling the movement of loads (secondary role) in the workplace

8 credits

Level: 2
UAN: R/600/8102

Unit aim:
This unit aims to provide you with the necessary skills and knowledge to:

- interpreting information
- adopting safe and healthy working practices
- selecting materials, components and equipment
- preparing for and slinging and signalling the movement of loads

*PER – Portfolio evidence reference SO – Site observation OQ – Oral question WQ – Written question WT – Witness testimony
PS – Product supplementary PD – Professional discussion

Assessment criteria that are practical activities are highlighted in bold.

1. Interpret the given information relating to the preparation for and the slinging and signalling of loads.							
You must be able to:	*PER	SO	OQ	WQ	WT	PS	PD
1.1 **interpret and extract information from:**							
a. **drawings**							
b. **specifications**							
c. **schedules**							
d. **method statements**							
e. **manufacturers' information**							
1.2 **comply with information and/or instructions derived from risk assessments and method statements**							

1.3 state the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented							
1.4 describe different types of information, their source and how they are interpreted in relation to:							
a. drawings							
b. specifications							
c. schedules							
d. method statements							
e. manufacturers' information							
f. approved procedures							
g. codes of practice.							

2. Organise with others the sequence and operation in which the slinging and signalling of loads is to be carried out.							
You must be able to:	*PER	SO	OQ	WQ	WT	PS	PD
2.1 **organise the work according to given information or instructions**							
2.2 describe how to communicate ideas between team members							
2.3 **organise and communicate with team members and other associated occupations**							
2.4 state how to organise resources prior to and when slinging and signalling of loads.							

3. Know how to comply with relevant legislation and official guidance to carry out slinging and signalling of loads.							
You must be able to:	*PER	SO	OQ	WQ	WT	PS	PD
3.1 describe your responsibilities under current legislation and official guidance whilst working:							
a. in the workplace							
b. below ground level							
c. at height							

d. with tools and equipment							
e. with materials and substances							
f. with movement/storage of materials							
g. by manual handling and mechanical lifting							
3.2 describe the organisational security procedures for tools, equipment and personal belongings in relation to:							
a. site							
b. workplace							
c. company							
d. operative							
3.3 state what the accident reporting procedures are and who is responsible for making reports.							

4. Maintain safe working practices when preparing for and slinging and signalling loads.							
You must be able to:	*PER	SO	OQ	WQ	WT	PS	PD
4.1 **use personal protective equipment (PPE) to safely carry out the activity in accordance with legislation and organisational requirements when slinging and signalling of loads**							
4.2 explain why and when personal protective equipment (PPE) should be used, relating to slinging and signalling of loads, and the:							
a. types							
b. purpose							
c. limitations of each type							
4.3 state how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with:							
a. fires							
b. spillages							
c. injuries							
d. other task-related hazards.							

5. Select the required quantity and quality of resources to prepare for and when slinging and signalling loads.							
You must be able to:	*PER	SO	OQ	WQ	WT	PS	PD
5.1 describe the characteristics, quality, uses, limitations and defects associated with the resources, and how they should be used correctly, relating to:							
a. lifting accessories							
b. signalling and communication equipment							
c. hand tools and ancillary equipment							
5.2 **select resources associated with slinging/signalling in relation to:**							
a. **hand tools**							
b. **attachments**							
c. **slinging equipment**							
d. **lifting aids/accessories**							
e. **signalling**							
f. **communication equipment**							
5.3 state how the resources should be used correctly, how problems associated with the resources are reported and how the organisational procedures are used							
5.4 outline potential hazards associated with the resources and method of work							
5.5 describe how to calculate:							
a. weight, bearing pressure							
b. quantity							
c. length							
d. area associated with the method/procedures to carry out slinging/signalling.							

6. Minimise the risk of damage to the work and surrounding area when slinging and signalling loads.							
You must be able to:	*PER	SO	OQ	WQ	WT	PS	PD
6.1 **protect the work and its surrounding area from damage**							
6.2 **minimise damage and maintain a clean work space**							
6.3 describe how to protect work from damage and the purpose of protection in relation to:							
a. general workplace activities							
b. other occupations							
c. adverse weather conditions							
6.4 **dispose of waste in accordance with legislation**							
6.5 state why the disposal of waste should be carried out safely in relation to the work.							

7. Complete the work within the allocated time when preparing to and slinging and signalling loads.							
You must be able to:	*PER	SO	OQ	WQ	WT	PS	PD
7.1 **demonstrate completion of the work within the allocated time**							
7.2 state the purpose of the work programme and describe why deadlines should be kept in relation to:							
a. types of progress charts, timetables and estimated times							
b. organisational procedures for reporting circumstances which will affect the lifting operation.							

8. Comply with the given contract information to prepare to and sling and signal loads for movement to the required specification.							
You must be able to:	*PER	SO	OQ	WQ	WT	PS	PD
8.1 **demonstrate the following work skills when preparing to and slinging and signalling loads:**							
a. **measuring**							
b. **gauging**							
c. **estimating**							
d. **fitting**							
e. **fixing**							
f. **testing**							
g. **balancing**							
h. **interpreting**							
i. **judging**							
j. **explaining**							
k. **preparing**							
l. **indicating**							
m. **informing**							
n. **instructing**							
o. **signing**							
p. **positioning**							
q. **adjusting**							
r. **configuring**							
s. **moving**							
t. **securing**							
u. **signaling**							
v. **relaying**							
w. **removing**							
8.2 **prepare to and attach loads to lifting equipment, and guide loads using signals to the required destination to given working instructions using appropriate load securing methods and lifting accessories**							

8.3 describe how to apply safe work practices, follow procedures, report problems and establish authority needed to rectify, to:							
a. confirm method of communication							
b. determine the method of slinging							
c. select and use suitable slinging equipment/lifting accessories							
d. sling loads securely and balance within correct weight distribution following agreed/recognised operational procedures							
e. position loads safely and securely							
f. remove and store lifting accessories							
g. use hand tools, ancillary equipment and accessories							
8.4 **safely use and store:**							
a. **hand tools**							
b. **slinging, signalling, communication and ancillary equipment**							
8.5 state the needs of other occupations and how to communicate within a team when preparing to and slinging and signalling loads							
8.6 describe how to maintain the tools and equipment used to sling and signal loads.							

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Declaration

I confirm that the evidence supplied for the above unit is authentic and a true representation of my own work. The work logged is my own work carried out during my normal work duties.

Candidate name:	
Candidate signature:	
Date:	

I confirm that this candidate has achieved all the requirements of this unit with the evidence listed. Assessment was conducted under the specified conditions and context, and is valid, authentic, reliable, current and sufficient.

Assessor name:	
Assessor signature:	
Date:	

IQA name:	
IQA signature:	
Date:	