

Lanemark

# Configurable Pre-Work Checks

*CALIDUS* eSERV

4th October 2013 - 0.2

Reference: FS 311908 309371-4/5



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# 1 Appendix A: Risk Assessment Form

<b>LANEMARK</b>		<b>HEALTH &amp; SAFETY PROCEDURE</b>		
REF: HS10005	By: A Thompson	Date: 19/07/12	Issue:	Page of:
<b>TITLE: ENGINEERS SITE RISK ASSESSMENT</b>				
SITE: .....				
SERVICE JOB: SJ..... DATE:.....				
Person on site responsible for your safety: .....				
Brief Description of work to be done: .....				
Identify the hazards associated with the work to be undertaken (mark those applicable)				
Existing live pipework, services & plant	<input type="checkbox"/>	Use of portable electric tools	<input type="checkbox"/>	Explosion
Adverse weather conditions	<input type="checkbox"/>	Ventilation	<input type="checkbox"/>	Lighting
Chemicals/ Substances present in existing system	<input type="checkbox"/>	Contact with hot & cold surfaces	<input type="checkbox"/>	Noise
Transport of items to and from site	<input type="checkbox"/>	Fire (including static electricity)	<input type="checkbox"/>	Electricity
Tripping/ Slipping	<input type="checkbox"/>	Storage/ Stacking	<input type="checkbox"/>	Hand Tools
Fall from height (platform)	<input type="checkbox"/>	Fall from height (ladder)	<input type="checkbox"/>	Radiation Sources
Transport of vehicles around site	<input type="checkbox"/>	Solitary Working	<input type="checkbox"/>	Confined Spaces
Mechanical Lifting & Moving	<input type="checkbox"/>	Manual Handling of Materials	<input type="checkbox"/>	Fall of materials
Use of Substance hazardous to health	<input type="checkbox"/>	Disposal of substances	<input type="checkbox"/>	General Dust/ Debris
Other (Please Specify).....				
OVERALL ASSESSMENT OF RISK: HIGH MED LOW (CIRCLE ONE)				
Measures to be taken to Control the risks identified above:.....				
If the above controls are adopted, is the risk now considered to be accepted? YES / NO				
Engineer Print:	Engineer Sign:	Customer Print:	Customer Sign:	
ONLY COMPLETE IF RISK UNACCEPTABLE				
Issue	Description	By	Mod'	Date



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## 2 Appendix B: Risk Assessment Configuration

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<FORM NAME="Risk Assessment" REQUIRED="Y">
  <FIELD ID="PERSON">
    <TEXT>Person on site responsible for your safety</TEXT>
    <FORMAT>T</FORMAT>
    <REQUIRED>Y</REQUIRED>
  </FIELD>
  <FIELD ID="DESCRIPTION">
    <TEXT>Brief description of work to be done</TEXT>
    <FORMAT>T</FORMAT>
    <REQUIRED>Y</REQUIRED>
  </FIELD>
  <FIELD ID="HAZARDS">
    <TEXT>Identify hazards associated</TEXT>
    <FORMAT>X</FORMAT>
    <REQUIRED>N</REQUIRED>
    <ITEMS>
      <ITEM>Existing live pipework, services and plant</ITEM>
      <ITEM>Adverse weather conditions</ITEM>
      <ITEM>Chemicals/Substances present in existing System</ITEM>
      <ITEM>Transport of Items to and from site</ITEM>
      <ITEM>Tripping/Slipping</ITEM>
      <ITEM>Fall from height (platform)</ITEM>
      <ITEM>Transport of vehicles around site</ITEM>
      <ITEM>Mechanical lifting and moving</ITEM>
      <ITEM>Use of Substances hazardous to health</ITEM>
      <ITEM>Use of portable electrical tools</ITEM>
      <ITEM>Ventilation</ITEM>
      <ITEM>Contact with hot and cold surfaces</ITEM>
      <ITEM>Fire (including static electricity</ITEM>
      <ITEM>Storage/Stacking</ITEM>
      <ITEM>Falling from height (ladder)</ITEM>
      <ITEM>Solitary working</ITEM>
      <ITEM>Manual handling of materials</ITEM>
      <ITEM>Disposal of substances</ITEM>
      <ITEM>Explosion</ITEM>
      <ITEM>Lighting</ITEM>
      <ITEM>Noise</ITEM>
      <ITEM>Electricity</ITEM>
      <ITEM>Hand Tools</ITEM>
      <ITEM>Radiation sources</ITEM>
      <ITEM>Confined Spaces</ITEM>
      <ITEM>Fall of materials</ITEM>
      <ITEM>General Dust / Debris</ITEM>
    </ITEMS>
  </FIELD>
  <FIELD ID="HAZARDS_OTHER">
    <TEXT>Others (please specify)</TEXT>
    <FORMAT>T</FORMAT>
    <REQUIRED>N</REQUIRED>
  </FIELD>
  <FIELD ID="RISK_ASSESSMENT">
    <TEXT>Overall Assessment of Risk</TEXT>
    <FORMAT>DDL</FORMAT>
    <REQUIRED>Y</REQUIRED>
    <ITEMS>
      <ITEM DEFAULT="Y">LOW</ITEM>
      <ITEM>MED</ITEM>
      <ITEM>HIGH</ITEM>
    </ITEMS>
  </FIELD>
  <FIELD ID="RISK_CONTROL">

```



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<TEXT>Risk Control Measures</TEXT>
<FORMAT>X</FORMAT>
<REQUIRED>N</REQUIRED>
<ITEMS>
  <ITEM>Boots</ITEM>
  <ITEM>Hard Hat</ITEM>
  <ITEM>Hi Vis</ITEM>
  <ITEM>Chemical Boots</ITEM>
  <ITEM>Googles</ITEM>
  <ITEM>Glasses</ITEM>
  <ITEM>Gloves</ITEM>
  <ITEM>Chemical Gloves</ITEM>
  <ITEM>Harness</ITEM>
  <ITEM>Lanyard</ITEM>
  <ITEM>Trolley</ITEM>
  <ITEM>Checmical Suit</ITEM>
</ITEMS>
</FIELD>
<FIELD ID="RISK_CONTROL_OTHER">
  <TEXT>Others (please specify)</TEXT>
  <FORMAT>T</FORMAT>
  <REQUIRED>N</REQUIRED>
</FIELD>
<BUTTON CONFIRM="Are the risks now considered to be accepted?">
  <TYPE>C</TYPE>
  <TEXT>Complete</TEXT>
</BUTTON>
<BUTTON CONFIRM="Please confirm that a Method Statement has been produced.">
  <TYPE>X</TYPE>
  <TEXT>Not Required</TEXT>
</BUTTON>
</FORM>

```



### 3 Appendix C: TEST PLAN

<b>Test Script / Scenario Reference</b>	Configurable Pre-Work Checks	<b>Call Number(s): 311908 309371-4/5</b>
<b>Test Script / Scenario Description</b>	To test specific Lanemark Pre-work Checks UDF configuration and functionality.	<b>PASS / ISSUES / FAIL</b>
<b>Menu Access</b>	Services	
<b>Pre-requisites</b>	Ensure that the site being used has the UDF configuration as described in the <a href="#">Data</a> section and <a href="#">Appendix B</a> . Ensure there are single- and multiple-item jobs (with at least 3 items) to check.	<b>Tested By:</b>
<b>Test Objective</b>	To test that: Required checks are completed; validation is forced on the checks; validation is forced so that they are entered before any other information; status is displayed correctly and; data is updated correctly.	<b>Date:</b>

Step	Action	Result	Remarks	P/F
1	<b>PDA - Process</b>			
1.01	Start a single-item service job. press onto the Diagnosis tab.	A validation error should be displayed.		
1.02	Check the <b>Pre-work</b> button label	It says "Risk Assessment (Incomplete)"		
1.03	Press the <b>Pre-work</b> button.	The pre-work pop-up is shown. The label says Risk Assessment. All fields required are present in a scrolling form. There are 2 buttons: <b>Complete</b> and <b>Not Required</b>		
1.04	Press the Android Back key	A confirmation dialogue is displayed.		
1.05	Cancel this.	The Pre-work pop-up is displayed again.		
1.06	Press the Android Back button and Confirm the confirmation dialogue.	The Info tab is shown again. The label still says "Incomplete".		
1.07	Re-enter the Pre-work pop-up. press the	A validation error should be displayed, as not		



	<b>Complete</b> button.	all required information has been entered.		
1.08	Enter all required information. press the <b>Complete</b> button.	A confirmation dialogue is displayed.		
1.09	Press "No"	The Pre-work pop-up is displayed again.		
1.10	Press the <b>Complete</b> button and press <b>Yes</b> on the confirmation dialogue.	The Info tab is shown again. The label says "Complete".		
1.11	Press the <b>Pre-work</b> button.	A validation error should be displayed, as the Pre-work checks have been completed.		
1.12	Complete this service-job.	All Pre-work check information is saved and can be displayed and reported on.		
1.13	Start a new single-item job. Press the <b>Pre-work</b> button. Press the <b>Not Required</b> button.	A confirmation dialogue is displayed.		
1.14	Cancel this.	The Pre-work pop-up is displayed again.		
1.15	Press the <b>Not Required</b> button and confirm.	The Info tab is shown again. The label says "Not Required".		
1.16	Complete this service-job.	All Pre-work check information is saved and can be displayed and reported on. It is marked as not required.		
1.17	Start a new multiple-item job. On the first item, press the <b>Pre-work</b> button. Enter all required information. Press the <b>Complete</b> button and confirm.	The Info tab is shown again. The label says "Complete".		
1.18	Press the <b>Next</b> button.	The next service item is shown. The Pre-work label says "Incomplete".		
1.19	Press the <b>Next</b> button, then the <b>Pre-work</b> button.	The Pre-work pop-up is displayed again.		
1.20	Press the <b>Not Required</b> button and confirm.	The Info tab is shown again. The label says "Not Required".		
1.21	Press the <b>Prev</b> button.	The previous service item is shown. The Pre-work label says "Complete".		
1.22	Press the <b>Pre-work</b> button.	A validation error should be displayed, as the Pre-work checks have been completed.		





1.23	Press the <b>Next</b> button, then the <b>Pre-work</b> button.	A validation error should be displayed, as the Pre-work checks have been completed.		
1.24	Press the <b>Next</b> button, then the <b>Pre-work</b> button.	The Pre-work pop-up is displayed again.		
1.25	Press the Back key and confirm. Press the <b>Prev</b> button, complete any required information (e.g. model on the info tab or comments on the diagnosis tab). Move to the Diagnosis tab and press <b>Complete</b> .	The service is completed, the next incomplete service is displayed.		



## 4 Appendix D: Quote & Document References

Cost Details			
Activity	No. of Days	Rate per Day (?)	Cost (? Exc. VAT)
Requirements	0.00	0	?0.00
Change Request Evaluation	0.00	0	?0.00
Functional Specification	0.50	0	?0.00
Technical Specification	0.00	0	?0.00
Development	3.50	0	?0.00
Testing and Release	0.50	0	?0.00
Implementation	0.00	0	?0.00
Project Management	First argument to "number_format" must be a number.	0	?First argument to "number_format" must be a number.
<b>TOTAL</b>	First argument to "number_format" must be a number.		?First argument to "number_format" must be a number.

Estimate excludes training, release to live and go live support.

### D.1 References

Ref No	Document Title & ID	Version	Date
1	<a href="#">UG 291094 EPOD Admin User Guide</a>	2.0	4/4/2012
2	<a href="#">UG 291097 EPOD Client User Guide</a>	3.0	23/4/2013
3	<a href="#">REQ 309371 Lanemark eSERV Requirements</a>	0.4	29/08/2013
4	<a href="#">FS 311636 UDF Modifications</a>	0.3	05/09/2013
5	<a href="#">FS 311856 Multiple Serviceable Items</a>	0.1	10/09/2013

### D.2 Glossary

Term	Definition
EPOD	Electronic Proof of Delivery. The OBS EPOD system is <i>CALIDUS</i> ePOD.
<i>CALIDUS</i> eSERV	The OBS mobile system to complete Service functionality in the field. This is part of the <i>CALIDUS</i> ePOD system.
PDA	The mobile device on which the C-ePOD system will run in the field. This can be a Phone, EDA or industrial PDA, running Android.
DAL	Data Access Layer. A mechanism for accessing data by the system that is removed from the application, allowing for simplified access and providing protection to the data, as only approved DAL methods can be used to modify it.
GPS	Global Positioning System. A mechanism of retrieving accurate positioning information in the form of Latitude and Longitude (Lat-Long) co-ordinates from a device.



Term	Definition
GPRS, 3G, HSDPA, Data Service	All terms referring to mobile device network connectivity, and the speed at which the device connects to the internet.

### D.3 Authorised By

Julie Taylor	OBS Project Manager	_____
Jeff Foster	Client Representative	_____
Alan Thompson	Client Representative	_____

