

Competency Assessment Questions – Medical Oxygen Sensors Technical

Please refer to any system resources that you have access to in order to locate the information. The training materials will be made available on the system.

If you are unable to find the information, please make notes at the end of this document detailing where you struggled.

1) Where on the system would you find an oxygen sensor datasheet?

On the Stock page under the Icon ~~to~~ then into Technical document.

2) Name 2 methods that manufacturers use to slow down the sensor to prolong shelf life.

Sealed into gas barrier bags
A gas barrier tape over the sensing surface

3) Name 2 of the noble metals that may be used as a cathode.

Platinum and Rhodium

4) Above what oxygen percentage would you recommend calibrating in 100% oxygen?

40%.

5) What flow rate of gas should be used for calibration?

2 - 5 litres per minute

6) How often should an oxygen monitoring device be calibrated?

Everytime before use or every 8 hours Minimum.

Notes or Comments:

Medical Oxygen
Sensors
Technical

Name: Ajib Mageed Date: 7/2/24

Training Feedback Form

Training Course Completed: MEDICAL O2 SENSORS TECHNICAL			
Date: 7/2/24	Time/Length: 1 hour	Trainer: Steve Hardaker	
Content	Yes	No	Unsure
Was the course content presented in a logical manner?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was the course content and material complete and comprehensive?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Will this information be useful to you in your job role?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Relevance	Yes	No	Unsure
Do you feel you now have a better understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the course challenge your thinking and understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you feel the training is beneficial to your team?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trainer	Yes	No	Unsure
Did the trainer communicate and explain the material clearly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did you feel the instructor was knowledgeable in the area covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the trainer encourage discussions and questions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Do you require any further training in this area?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If so, what would you like this training to cover?			
Further comments:			
Name: Agib Majeed			
Date: 7/2/24			

Please delete as applicable

Competency Assessment Questions – Medical Oxygen Sensors Technical

Please refer to any system resources that you have access to in order to locate the information. The training materials will be made available on the system.

If you are unable to find the information, please make notes at the end of this document detailing where you struggled.

1) Where on the system would you find an oxygen sensor datasheet?

Stock and Search go into i and linked to Stock page under technical doc.

2) Name 2 methods that manufacturers use to slow down the sensor to prolong shelf life.

gas barrier bag to hold sensor
gas barrier tape (Maxtec)

3) Name 2 of the noble metals that may be used as a cathode.

Platinum, Rhodium

4) Above what oxygen percentage would you recommend calibrating in 100% oxygen?

40%

5) What flow rate of gas should be used for calibration?

2-5 litres per minute

6) How often should an oxygen monitoring device be calibrated?

8 hrs.

Notes or Comments:

Name: EMMA CLARK Date: 8.2.24

Training Feedback Form

Training Course Completed: MEDICAL O2 SENSORS TECHNICAL			
Date:	Time/Length:	Trainer: Steve Hardaker	
Content	Yes	No	Unsure
Was the course content presented in a logical manner?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was the course content and material complete and comprehensive?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Will this information be useful to you in your job role?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Relevance	Yes	No	Unsure
Do you feel you now have a better understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the course challenge your thinking and understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you feel the training is beneficial to your team?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trainer	Yes	No	Unsure
Did the trainer communicate and explain the material clearly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did you feel the instructor was knowledgeable in the area covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the trainer encourage discussions and questions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Do you require any further training in this area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If so, what would you like this training to cover?			
Further comments:			
Name: E. Clark			
Date: 8.2.14			

Please delete as applicable

Competency Assessment Questions – Medical Oxygen Sensors Technical

Please refer to any system resources that you have access to in order to locate the information. The training materials will be made available on the system.

If you are unable to find the information, please make notes at the end of this document detailing where you struggled.

1) Where on the system would you find an oxygen sensor datasheet?

Search part number and click on the i button, data sheet listed in technical files.

2) Name 2 methods that manufacturers use to slow down the sensor to prolong shelf life.

Store in gas barrier bags to restrict oxygen supply to stored sensor.
Gas barrier tape over the sensing surface.

3) Name 2 of the noble metals that may be used as a cathode.

Gold, rhodium

4) Above what oxygen percentage would you recommend calibrating in 100% oxygen?

40 %

5) What flow rate of gas should be used for calibration?

2 ~ 5 lpm

6) How often should an oxygen monitoring device be calibrated?

Prior to use, then every 8 hours.

Notes or Comments:

Name: ROBERT CONNOR Date: 7/2/24

Training Feedback Form

Training Course Completed: MEDICAL O2 SENSORS TECHNICAL			
Date: 7/2/24	Time/Length: 50 min	Trainer: Steve Hardaker	
Content	Yes	No	Unsure
Was the course content presented in a logical manner?	✓		
Was the course content and material complete and comprehensive?	✓		
Will this information be useful to you in your job role?	✓		
Relevance	Yes	No	Unsure
Do you feel you now have a better understanding of the product/procedure/training area*?	✓		
Did the course challenge your thinking and understanding of the product/procedure/training area*?	✓		
Do you feel the training is beneficial to your team?	✓		
Trainer	Yes	No	Unsure
Did the trainer communicate and explain the material clearly?	✓		
Did you feel the instructor was knowledgeable in the area covered?	✓		
Did the trainer encourage discussions and questions?	✓		
Comments			
Do you require any further training in this area?		✓	
If so, what would you like this training to cover?			
Further comments:			
Name: ROBERT CONNOR			
Date: 7/2/24			

Please delete as applicable

Competency Assessment Questions – Medical Oxygen Sensors Technical

Please refer to any system resources that you have access to in order to locate the information. The training materials will be made available on the system.

If you are unable to find the information, please make notes at the end of this document detailing where you struggled.

1) Where on the system would you find an oxygen sensor datasheet?

TECH DOC SECTION OF THE SENSORS STOCK PAGE

2) Name 2 methods that manufacturers use to slow down the sensor to prolong shelf life.

GAS BARRIER BAG, GAS BARRIER TAPE

3) Name 2 of the noble metals that may be used as a cathode.

PLATINUM, RHODIUM

4) Above what oxygen percentage would you recommend calibrating in 100% oxygen?

40%

5) What flow rate of gas should be used for calibration?

2-5 LPM

6) How often should an oxygen monitoring device be calibrated?

EVERY 8 HOURS

Notes or Comments:

Name: PHIL CROSSLEY Date: 8.2.24

Training Feedback Form

Training Course Completed: MEDICAL O2 SENSORS - TECHNICAL			
Date: 7.2.24	Time/Length: 45mins	Trainer: Steve Hardaker	
Content	Yes	No	Unsure
Was the course content presented in a logical manner?	/		
Was the course content and material complete and comprehensive?	/		
Will this information be useful to you in your job role?	/		
Relevance	Yes	No	Unsure
Do you feel you now have a better understanding of the product/procedure/training area*?	/		
Did the course challenge your thinking and understanding of the product/procedure/training area*?	/		
Do you feel the training is beneficial to your team?	/		
Trainer	Yes	No	Unsure
Did the trainer communicate and explain the material clearly?	/		
Did you feel the instructor was knowledgeable in the area covered?	/		
Did the trainer encourage discussions and questions?	/		
Comments			
Do you require any further training in this area?		/	
If so, what would you like this training to cover?			
Further comments:			
Name: PHIL CROSSLEY			
Date: 7.2.24			

Please delete as applicable

Competency Assessment Questions – Medical Oxygen Sensors Technical

Please refer to any system resources that you have access to in order to locate the information. The training materials will be made available on the system.

If you are unable to find the information, please make notes at the end of this document detailing where you struggled.

1) Where on the system would you find an oxygen sensor datasheet?

i won on istats

2) Name 2 methods that manufacturers use to slow down the sensor to prolong shelf life.

Gas barrier tape + Gas barrier bags.

3) Name 2 of the noble metals that may be used as a cathode.

Platinum + Rhodium

4) Above what oxygen percentage would you recommend calibrating in 100% oxygen?

40%

5) What flow rate of gas should be used for calibration?

2-5-litres per minute.

6) How often should an oxygen monitoring device be calibrated?

Everytime it is used.

Notes or Comments:

Name: J. Gair
J. Gair Date: 7.2.24

Training Feedback Form

Training Course Completed: MEDICAL OR SENSORS - TECHNICAL			
Date: 7.2.24	Time/Length: 45 mins	Trainer: Steve Hardaker	
Content	Yes	No	Unsure
Was the course content presented in a logical manner?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was the course content and material complete and comprehensive?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Will this information be useful to you in your job role?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Relevance	Yes	No	Unsure
Do you feel you now have a better understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the course challenge your thinking and understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you feel the training is beneficial to your team?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trainer	Yes	No	Unsure
Did the trainer communicate and explain the material clearly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did you feel the instructor was knowledgeable in the area covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the trainer encourage discussions and questions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Do you require any further training in this area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If so, what would you like this training to cover?			
Further comments:			
Name: J. Gault			
Date: 7.2.24			

Please delete as applicable

Competency Assessment Questions – Medical Oxygen Sensors Technical

Please refer to any system resources that you have access to in order to locate the information. The training materials will be made available on the system.

If you are unable to find the information, please make notes at the end of this document detailing where you struggled.

1) Where on the system would you find an oxygen sensor datasheet?

under the ⓘ button on the stock page

2) Name 2 methods that manufacturers use to slow down the sensor to prolong shelf life.

- Gas barrier bag
- Gas barrier tape

3) Name 2 of the noble metals that may be used as a cathode.

- Platinum
- Rhodium

4) Above what oxygen percentage would you recommend calibrating in 100% oxygen?

40%

5) What flow rate of gas should be used for calibration?

2-5 litres per minute

6) How often should an oxygen monitoring device be calibrated?

Every 8 hours minimum if in continuous use.
or prior to each use

Notes or Comments:

Name: Sophie Lines Date: 7/2/24

Training Feedback Form (Medical).

Training Course Completed: <u>Oxygen sensor Training</u>			
Date: <u>7/2/24</u>	Time/Length: <u>1 hour.</u>	Trainer: <u>Steve Hardaker</u>	
Content	Yes	No	Unsure
Was the course content presented in a logical manner?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was the course content and material complete and comprehensive?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Will this information be useful to you in your job role?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Relevance	Yes	No	Unsure
Do you feel you now have a better understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the course challenge your thinking and understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you feel the training is beneficial to your team?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trainer	Yes	No	Unsure
Did the trainer communicate and explain the material clearly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did you feel the instructor was knowledgeable in the area covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the trainer encourage discussions and questions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Do you require any further training in this area?			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unsure			
If so, what would you like this training to cover?			
N/A			
Further comments:			
N/A			
Name: <u>Sophie</u>			
Date: <u>7-2-24</u>			

Please delete as applicable

Competency Assessment Questions – Medical Oxygen Sensors Technical

Please refer to any system resources that you have access to in order to locate the information. The training materials will be made available on the system.

If you are unable to find the information, please make notes at the end of this document detailing where you struggled.

1) Where on the system would you find an oxygen sensor datasheet?

on the I tab of that particular sensor

2) Name 2 methods that manufacturers use to slow down the sensor to prolong shelf life.

using a gas barrier bag + gas barrier tape to store the sensor in

3) Name 2 of the noble metals that may be used as a cathode.

platinum, rhodium, silver

4) Above what oxygen percentage would you recommend calibrating in 100% oxygen?

21%

5) What flow rate of gas should be used for calibration?

2-5 litres per minute

6) How often should an oxygen monitoring device be calibrated?

Notes or Comments:

Name: CAROLAN Date: 21-2-24

Training Feedback Form

Training Course Completed: MEDICAL O2 SENSORS - TECHNICAL			
Date: 7-2-24	Time/Length: 1W	Trainer: Steve Hardaker	
Content	Yes	No	Unsure
Was the course content presented in a logical manner?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was the course content and material complete and comprehensive?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Will this information be useful to you in your job role?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Relevance	Yes	No	Unsure
Do you feel you now have a better understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the course challenge your thinking and understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you feel the training is beneficial to your team?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trainer	Yes	No	Unsure
Did the trainer communicate and explain the material clearly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did you feel the instructor was knowledgeable in the area covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the trainer encourage discussions and questions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Do you require any further training in this area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If so, what would you like this training to cover?			
Further comments:			
Name: Kate Griffiths			
Date: 7-2-24			

Please delete as applicable

Competency Assessment Questions – Medical Oxygen Sensors Technical

Please refer to any system resources that you have access to in order to locate the information. The training materials will be made available on the system.

If you are unable to find the information, please make notes at the end of this document detailing where you struggled.

1) Where on the system would you find an oxygen sensor datasheet?

~~# intrastats - document index~~
Stock page - technical documents

2) Name 2 methods that manufacturers use to slow down the sensor to prolong shelf life.

Thickness of the sensor membrane
Size of the sensor area.

3) Name 2 of the noble metals that may be used as a cathode.

Platinum
Rhodium

4) Above what oxygen percentage would you recommend calibrating in 100% oxygen?

Above 40%.

5) What flow rate of gas should be used for calibration?

2-5 litres per minute

6) How often should an oxygen monitoring device be calibrated?

At least every 8 hours

Notes or Comments:

Name: M. Green Date: 6-3-24

Training Feedback Form

Training Course Completed: <i>Medical or Sensors technical</i>			
Date:	Time/Length:	Trainer: Steve Hardaker	
Content	Yes	No	Unsure
Was the course content presented in a logical manner?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was the course content and material complete and comprehensive?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Will this information be useful to you in your job role?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Relevance	Yes	No	Unsure
Do you feel you now have a better understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the course challenge your thinking and understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you feel the training is beneficial to your team?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trainer	Yes	No	Unsure
Did the trainer communicate and explain the material clearly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did you feel the instructor was knowledgeable in the area covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the trainer encourage discussions and questions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Do you require any further training in this area?			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unsure			
If so, what would you like this training to cover?			
Further comments:			
Name: <i>M. GREEN</i>			
Date: <i>6-3-24</i>			

Please delete as applicable

Competency Assessment Questions – Medical Oxygen Sensors Technical

Please refer to any system resources that you have access to in order to locate the information. The training materials will be made available on the system.

If you are unable to find the information, please make notes at the end of this document detailing where you struggled.

1) Where on the system would you find an oxygen sensor datasheet?

1 button on stock page

2) Name 2 methods that manufacturers use to slow down the sensor to prolong shelf life.

gas barrier bags
gas barrier tape

3) Name 2 of the noble metals that may be used as a cathode.

~~Argent~~ Platinum
~~Cathode~~ Rhodium

4) Above what oxygen percentage would you recommend calibrating in 100% oxygen?

40%

5) What flow rate of gas should be used for calibration?

2-5 litres a minute

6) How often should an oxygen monitoring device be calibrated?

Every 8 hours if in continuous use
or before each time used.

Notes or Comments:

Name: _____ Date: _____

Jacob
Lee

Dave Royal Preston

Training Feedback Form

Training Course Completed: MEDICAL O2 SENSORS TECHNICAL			
Date:	Time/Length: 1 hour	Trainer: Steve Hardaker	
Content	Yes	No	Unsure
Was the course content presented in a logical manner?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was the course content and material complete and comprehensive?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Will this information be useful to you in your job role?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Relevance	Yes	No	Unsure
Do you feel you now have a better understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the course challenge your thinking and understanding of the product/procedure/training area*?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Do you feel the training is beneficial to your team?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trainer	Yes	No	Unsure
Did the trainer communicate and explain the material clearly?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did you feel the instructor was knowledgeable in the area covered?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did the trainer encourage discussions and questions?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Do you require any further training in this area?			
If so, what would you like this training to cover?			
Further comments:			
Name: Emily			
Date:			

Please delete as applicable