

OGUK Bi-Deltoid Shoulder Measurement



The purpose of this assessment is to measure shoulder width so that helicopter passengers travelling to offshore locations in the UK Oil and Gas industry are allocated a seat which has access to an emergency exit compatible with their body size.

Why is it needed?

When travelling to offshore locations by helicopter passengers should be allocated a seat where the nearest emergency exit is compatible with their body size.

In order to determine this shoulder measurements are taken so that passengers can be classified as either regular, if their shoulders are below 55.9cm in width or XBR (extra-broad), if their shoulder width is 55.9cm or greater.

What happens if I'm XBR (extra-broad)?

XBR passengers are allocated a seat which has access to a larger exit.

This shouldn't affect a passenger's ability to get to an offshore location as at least 30% of the seats on a helicopter will be allocated to XBR passengers.

What is the difference between a regular seat and an XBR seat?

The only difference between a regular seat and an XBR seat is its location within the aircraft.

XBR seats are adjacent to wider exits, this won't necessarily be a window seat.

Who needs this assessment?

All personnel who travel by helicopter to an offshore oil and gas installation are required to have their shoulders formally measured by a specially trained person.

A passenger who hasn't had their shoulder width measured will be automatically classified as XBR. This restricts the seats they're permitted to sit in and therefore can mean that they won't be allowed on certain flights.

How often is it needed?

If a passenger's shoulder measurement is 54.8cm or above then they will need to get re-measured at frequent intervals. It is recommended that these re-measurements are aligned with BOSIET expiry.

Are other measurements needed?

Shoulder width is a musculoskeletal dimension, it has been deemed as the most reliable and appropriate measure of body size in terms of establishing compatibility with the size of the nearest exit.

The abdomen can change shape significantly in response to compression and neither this, body weight or body mass index (BMI) can be considered an accurate reflection of a person's compatibility with an exit.

Will survival suits and clothing affect the measurement?

No, the size of survival suits and clothing has been incorporated into the measurement.

What should I wear for being measured?

It is important that the measurer can access your upper arms so they can take the measurement at the correct position.

For this reason when the measurement is taken you should either be topless or wear a sleeveless top.

For further information, or if you have any questions about the OGUK Bi-Deltoid Shoulder Measurement Assessment, please call us on 01782 574200

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