

## Maritime & Coastguard Agency Operational Health Standard

## Annex G

Marine Technician / Marine Surveyor  
Fishing Vessel Surveyor  
Security Surveyor / Security Inspector

	Special Considerations / Hazards	Accept	Consider Carefully
<b>Vision</b>	<p>Site searches. Reading of detailed plans. Safety critical inspections. Identification of navigation lamp colours /colour coded fittings/ using equipment on board ship in possible poor light</p>	<p>At least: 6/9, 6/12 by Snellen Chart N5 at 30cm N10 at 60cm (correction may be worn, if so then uncorrected vision must be at least 3/60 in each eye) If contact lenses are worn then vision must also meet the standard using the spectacles to be carried for emergency use. Visual fields normal by confrontation test Normal Ishihara plates test.</p>	<p>Any pathological condition of the eyes likely to lead to progressive visual loss. Unilateral visual impairment (consider accepting if distance vision in the good eye is 6/6 or better, visual fields are normal, the individual has fully adjusted to the impairment and ophthalmological condition is stable). Monocular vision should be a bar to outdoor search and rescue operations Abnormal colour perception</p>
<b>Hearing</b>	<p>Radio communications Verbal communication outdoors in adverse weather</p>	<p>Threshold of at least +20dB (averaged over 0.5,1 and 2kHz) and +35 dB (averaged over 3,4 and 6kHz in each ear</p>	<p>If relative unilateral deafness is present then consider accepting if the binaural threshold is better than +25dB, the individual has adjusted to the impairment and the audiological condition is stable. Profound deafness in one ear should be a bar to outdoor search and rescue operations</p>

	<b>Special considerations/Hazards</b>	<b>Accept</b>	<b>Consider Carefully</b>
<b>Mobility</b>	Working at heights on hazardous surfaces. Entry to confined spaces.	Body Mass index less than 30 Normal use of all limbs. No spinal problems. No difficulty with balance or co – ordination.	Body mass over 30. Any underlying medical condition posing a risk of: impairment of balance, co-ordination, use of limbs or limitation of physical endurance.
<b>General Health</b>	Working extended hours Emergency response Working in isolation Vocational group 1 drivers Airborne / seaborne operations Wearing of respiratory and skin protection Working in confined spaces	No evidence of an active or recurrent medical problem. FEV1 and FVC by spirometry better than 80% of predicted	Any medical condition posing a significant risk of sudden incapacity or impairment of cognitive function. Any medical condition likely to be aggravated by extended hours. Any condition likely to impair ability to wear breathing apparatus or protective clothing.
<b>Main Applicable Survey Risk Assessments</b>	Cargo Operations (4) Entry into confined Spaces (8) Substances hazardous to health (9) Sewage (10) Asbestos (11) Machinery (12) Boilers (13) Welding/ Burning/Grinding (14) Working at Heights (15) Dangerous Goods Inspections ( 23)		
<b>Health Surveillance</b>	Pre-employment health surveillance to include audiometry, spirometry and baseline medical.  Routine health assessment repeated every 2 years unless more frequent screening is recommended on the basis of individual circumstances.  Post incident contact with Occupational		

	Health Adviser. Referral recommended if any significant health change.		
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**Guidance Note**

**Annex H**

**Generic Operational Health Standard for Marine Technician / Marine Surveyor / Fishing Vessel Surveyor / Security Surveyor / Security Inspector (see HRAN 2005/xx paragraph 6)**

The health standards used by the Occupational Health Professional have been based upon the risk assessments carried out by the MCA.

<b>Test</b>	<b>Meaning</b>	<b>Consideration</b>
Vision	Distance vision is tested using a wall chart Near vision is tested using near vision book Visual fields are tested by the OHA standing behind you and moving an object to each side. Each eye is tested independently and if you wear spectacles you will be tested with and without them.	Careful consideration would be given to those with a pathological condition, e.g. glaucoma. Individuals with monocular vision (loss of vision in one eye) would be excluded from this role due to the need for working at heights, entry into confined spaces and safety critical inspection work, etc. Individuals who are colour blind would be excluded due to the need for identifying distress flares, navigation lights on ships, etc.
Hearing	Hearing is tested using an audiometer which tests hearing at different frequencies. You wear head phones and indicate hearing by pressing a hand held button.	Good hearing is required for rescue work and individuals with profound deafness in one ear would be excluded. Careful consideration would be given to individuals with high frequency loss due to inability to hear effectively in situations where there may be high background noise, i.e. weather conditions, engine noise.
Mobility	Ability to use all limbs, and good spinal movement. Balance and co-ordination is tested by asking you to stand with feet together and eyes closed, then with arms outstretched bringing each arm in to touch your nose in turn.	The job involves significant physical activity and therefore individuals need to have a reasonable level of fitness and health. Individuals who have a height / weight ratio (expressed as Body Mass Index) over a certain level would be excluded as it would impair an individual's ability to enter confined spaces or to respond in emergency situations quickly and efficiently. Individuals who have a medical condition that affects balance or

Test	Meaning	Consideration
General Health	<p>A note of your general medical history will be taken.</p> <p>Base line health assessment will also be undertaken which will include completing a health questionnaire and undertaking some simple tests e.g. hearing, lung capacity, urine test, height/weight ratio, blood pressure, pulse, skin assessment, check of mobility, balance and co-ordination.</p>	<p>co-ordination, e.g. Vertigo may be excluded.</p> <p>The Occupational Health Professional will be looking at whether there is any history or current health condition, which poses a risk of sudden incapacity or impairment. Consideration will be given to health conditions likely to be aggravated by extended hours.</p>
Frequency of Health Tests	<p>Assessment of health will be undertaken at pre-employment and during employment. The purpose is to assess whether you have a health condition which would affect your ability to undertake the proposed job or whether the job could adversely affect your health.</p> <p>Routine health assessment will be repeated every 2 years unless more frequent screening is recommended on the basis of individual circumstances.</p> <p>Additional assessment made be required in the event of a specific incident, or if there has been a significant change in your health status.</p> <p>If you have any concerns regarding your health &amp; your job you should contact Human Resources or your Manager who will arrange referral to Occupational Health if appropriate.</p>	

