

MLN 4.3(E)

Revision No 0



DEPARTMENT OF ECONOMIC DEVELOPMENT

MLN 4.3(E) Reporting of Occupational Accidents, Incidents and Diseases

This MLN is part of a series of MLNs which provide guidance on compliance with Isle of Man regulations which give effect to MLC 2006 Title 4.3. Implementation of these guidelines will be taken as evidence of compliance with the Isle of Man regulations.

The guidelines do not preclude the shipowner from demonstrating an equivalent or higher standard as an "alternative method" of evidence of compliance.

Documents referred to in this notice:

Maritime Labour Convention 2006 (MLC);

Report of a Case of Occupational Disease Form (OD001);

Accident Report Form (ARF 1);

Isle of Man Merchant Shipping Notice 003.

Most regulations and notices are available on the Isle of Man Government website:

www.iomshipregistry.com or by contacting marine.survey@gov.im

Reporting of Occupational Accidents, Incidents and Diseases

This Maritime Labour Notice forms part of a series of MLNs for MLC Regulation 4.3 health and safety protection and accident prevention.

All Isle of Man registered vessels are required to report casualties, accidents, incidents and occupational diseases to the Ship Registry. This is in order for the Ship Registry to analyse the reports and then decide whether or not a more comprehensive investigation is required.

All accident reports are confidential to the Ship Registry and the information including seafarer's personal data will not be released to other parties. The data from the accident reports are used for statistical analysis and trends which are displayed in the 'Summary report of Casualties, Accidents and Incidents on Isle of Man Registered Vessels'. This report is available on the Ship Registry website – www.iomshipregistry.com .

The shipowner and master are also required to ensure that the circumstances of every casualty, accident, and incident are examined, as far as practical. In most cases the submission of the accident report form will satisfy this requirement. In certain cases the Ship Registry may request further information on the findings of the examination. This may include details of any measures taken or proposed to be taken in order to prevent a recurrence.

Format for the Accident Report Form

The reporting form for incidents, accidents and casualties required to be used on Isle of Man registered vessels is the Accident Report Form (ARF 1). This form is available on the Ship Registry website.

A shipowner can use their company Accident Report Form but this form has to be approved by the Ship Registry. A copy of the company form can be emailed to marine.survey@gov.im for approval.

For further information on the requirements for reporting of casualties, accidents and incidents refer to Isle of Man Merchant Shipping Notice 003.

Reporting of Occupational Diseases

MLC has a requirement for the shipowner to report occupational diseases to the Ship Registry. This will be required under the following circumstances –

- the seafarer is diagnosed with the occupational disease while serving on an Isle of Man registered vessel;
- the occupational disease is one specified in column 1 of the Schedule;
- the seafarer's work involves an activity specified in the corresponding entry in column 2 of Schedule 1;
- the shipowner has received a written statement prepared by a registered medical practitioner diagnosing the disease as an occupational disease specified in column 1.

All occupational diseases shall be reported by using form OD001 'Report of a Case of Occupational Disease' which is attached in Schedule 2 and available on the Ship Registry website. Alternatively a shipowner may use their own company generated form, providing it contains the same information contained in the Ship Registry form OD001.

Schedule 1

Reporting of Occupational Diseases

Column 1 – Occupational Diseases	Column 2 - Activity
<p>1. Inflammation, ulceration or malignant disease of the skin due to ionising radiation.</p> <p>2. Malignant disease of the bones due to ionising radiation.</p> <p>3. Blood dyscrasia due to ionising radiation.</p>	Work with ionising radiation.
<p>4. Cataract due to electromagnetic radiation.</p>	Work involving exposure to electromagnetic radiation (including radiant heat).
<p>5. Decompression illness.</p> <p>6. Barotrauma resulting in lung or other organ damage.</p> <p>7. Dysbaric osteonecrosis.</p>	Work involving breathing gases at increased pressure (including diving).
<p>8. Cramp of the hand or forearm due to repetitive movements.</p>	Work involving prolonged periods of handwriting, typing or other repetitive movements of the fingers, hand or arm.
<p>9. Subcutaneous cellulitis of the hand (beat hand).</p>	Physically demanding work causing severe or prolonged friction or pressure on the hand.
<p>10. Bursitis or subcutaneous cellulitis arising at or about the knee due to severe or prolonged external friction or pressure at or about the knee (beat knee).</p>	Physically demanding work causing severe or prolonged friction or pressure at or about the knee.
<p>11. Bursitis or subcutaneous cellulitis arising at or about the elbow due to severe or prolonged external friction or pressure at or about the elbow (beat elbow).</p>	Physically demanding work causing severe or prolonged friction or pressure at or about the elbow.
<p>12. Traumatic inflammation of the tendons of the hand or forearm or of the associated tendon sheaths.</p>	Physically demanding work, frequent or repeated movements, constrained postures or extremes of extension or flexion of the hand or wrist.
<p>13. Carpal tunnel syndrome.</p>	Work involving the use of hand-held vibrating tools.
<p>14. Hand-arm vibration syndrome.</p>	Work involving: (a) the use of chain saws, brush cutters or hand-held or hand-fed circular saws.

	<p>(b) the use of hand-held rotary tools in grinding material or in sanding or polishing metal;</p> <p>(c) the holding of material being ground or metal being sanded or polished by rotary tools;</p> <p>(d) the use of hand-held percussive metal-working tools or the holding of metal being worked upon by percussive tools in connection with riveting, caulking, chipping, hammering, fettling or swaging;</p> <p>(e) the use of hand-held powered percussive drills or hand-held powered percussive hammers.</p>
Infections due to biological agents	
15. Anthrax.	<p>(a) Work involving handling infected animals, their products or packaging containing infected material; or</p> <p>(b) work on infected sites</p>
16. Brucellosis.	<p>Work involving contact with:</p> <p>(a) animals or their carcasses (including any parts thereof) infected by brucella or the untreated products of same; or</p> <p>(b) laboratory specimens or vaccines of or containing brucella.</p>
17.(a) Avian chlamydiosis.	<p>Work involving contact with birds infected with chlamydia psittaci, or the remains or untreated products of such birds.</p>
17.(b) Ovine chlamydiosis.	<p>Work involving contact with sheep infected with chlamydia psittaci or the remains or untreated products of such sheep.</p>
18. Hepatitis.	<p>Work involving contact with:</p> <p>(a) human blood or human blood products; or</p> <p>(b) any source of viral hepatitis.</p>
19. Legionellosis.	<p>Work on or near cooling systems which are located in the workplace and use water; or work on hot water service systems located in the workplace which are likely to be a source of contamination.</p>
20. Leptospirosis.	<p>(a) Work in places which are or are liable to be infested by rats, fieldmice, voles or other small mammals;</p> <p>(b) work involving the care or handling of dogs; or</p> <p>(c) work involving contact with bovine animals or their meat products or pigs or</p>

	their meat products.
21. Lyme disease.	Work involving exposure to ticks.
22. Q fever.	Work involving contact with animals, their remains or their untreated products.
23. Rabies.	Work involving handling or contact with infected animals.
24. Streptococcus suis.	Work involving contact with pigs infected with streptococcus suis, or with the carcasses, products or residues of pigs so affected.
25. Tetanus.	Work involving contact with soil likely to be contaminated by animals.
26. Tuberculosis.	Work with persons, animals, human or animal remains or any other material which might be a source of infection.
27. Any infection reliably attributable to the performance of the work specified in the entry opposite hereto.	Work with micro-organisms; work with live or dead human beings in the course of providing any treatment or service or in conducting any investigation involving exposure to blood or body fluids; work with animals; or any potentially infected material derived from any of the above.
Conditions due to substances	
28. Poisonings by any of the following: (a)acrylamide monomer; (b)arsenic or one of its compounds; (c)benzene or a homologue of benzene; (d)beryllium or one of its compounds; (e)cadmium or one of its compounds; (f)carbon disulphide; (g)diethylene dioxide (dioxan); (h)ethylene oxide; (i)lead or one of its compounds; (j)manganese or one of its compounds; (k)mercury or one of its compounds; (l)methyl bromide; (m)nitrochlorobenzene, or a nitro or amino or chloro-derivative of benzene or of a homologue of benzene;	Any activity

<p>(n)oxides of nitrogen; (o)phosphorus or one of its compounds.</p>	
<p>29. Cancer of a bronchus or lung.</p>	<p>(a)Work in or about a building where nickel is produced by decomposition of a gaseous nickel compound or where any industrial process which is ancillary or incidental to that process is carried on; or</p> <p>(b)work involving exposure to bis(chloromethyl) ether or any electrolytic chromium processes (excluding passivation) which involve hexavalent chromium compounds, chromate production or zinc chromate pigment manufacture.</p>
<p>30. Primary carcinoma of the lung where there is accompanying evidence of silicosis.</p>	<p>Any occupation in:</p> <p>(a) glass manufacture; (b) metal ore mining; (c) clay mining; (d) the use of siliceous materials as abrasives; (e) foundry work; (f) stone cutting or masonry.</p>
<p>31. Cancer of the urinary tract.</p>	<p>1. Work involving exposure to any of the following substances: (a)beta-naphthylamine or methylene-bis-ortho-chloroaniline; (b)diphenyl substituted by at least one nitro or primary amino group or by at least one nitro and primary amino group (including benzidine); (c)any of the substances mentioned in sub-paragraph (b) above if further ring substituted by halogeno, methyl or methoxy groups, but not by other groups; or (d)the salts of any of the substances mentioned in sub-paragraphs (a) to (c) above.</p> <p>2. The manufacture of auramine or magenta.</p>
<p>32. Bladder cancer.</p>	<p>Work involving exposure to aluminium smelting using the Soderberg process.</p>
<p>33.Angiosarcoma of the liver.</p>	<p>(a)Work in or about machinery or apparatus used for the polymerisation of vinyl chloride monomer, a process which, for the purposes of this sub-paragraph, comprises all operations up to and including the drying of the slurry produced by the polymerisation and the packaging of the dried product; or</p>

	(b)work in a building or structure in which any part of the process referred to in the foregoing sub-paragraph takes place.
34. Peripheral neuropathy.	Work involving the use or handling of or exposure to the fumes of or vapour containing n-hexane or methyl n-butyl ketone.
35. Chrome ulceration of: (a)the nose or throat; or (b)the skin of the hands or forearm	Work involving exposure to chromic acid or to any other chromium compound.
36. Folliculitis 37. Acne. 38. Skin cancer.	Work involving exposure to mineral oil, tar, pitch or arsenic.
39. Pneumoconiosis (excluding asbestosis).	<p>1.(a) The mining, quarrying or working of silica rock or the working of dried quartzose sand, any dry deposit or residue of silica or any dry admixture containing such materials (including any activity in which any of the aforesaid operations are carried out incidentally to the mining or quarrying of other minerals or to the manufacture of articles containing crushed or ground silica rock); or (b)the handling of any of the materials specified in the foregoing sub-paragraph in or incidentally to any of the operations mentioned therein or substantial exposure to the dust arising from such operations.</p> <p>2. The breaking, crushing or grinding of flint, the working or handling of broken, crushed or ground flint or materials containing such flint or substantial exposure to the dust arising from any of such operations.</p> <p>3. Sand blasting by means of compressed air with the use of quartzose sand or crushed silica rock or flint or substantial exposure to the dust arising from such sand blasting.</p> <p>4. Work in a foundry or the performance of, or substantial exposure to the dust arising from, any of the following operations: (a)the freeing of steel castings from adherent siliceous substance; or (b)the freeing of metal castings from</p>

	<p>adherent siliceous substance: (i)by blasting with an abrasive propelled by compressed air, steam or a wheel, or (ii)by the use of power-driven tools.</p> <p>5. The grinding of mineral graphite or substantial exposure to the dust arising from such grinding.</p> <p>6. The dressing of granite or any igneous rock by masons, the crushing of such materials or substantial exposure to the dust arising from such operations.</p> <p>7. The use or preparation for use of an abrasive wheel or substantial exposure to the dust arising therefrom.</p> <p>8. The trimming of coal in any ship, barge, lighter, dock or harbour or at any wharf or quay;</p> <p>9. The sawing, splitting or dressing of slate or any operation incidental thereto.</p> <p>10. The manufacture or work incidental to the manufacture of carbon electrodes by an industrial undertaking for use in the electrolytic extraction of aluminium from aluminium oxide and any activity involving substantial exposure to the dust therefrom.</p> <p>11. Boiler scaling or substantial exposure to the dust arising therefrom.</p>
40. Byssinosis.	The spinning or manipulation of raw or waste cotton or flax or the weaving of cotton or flax.
41. Mesothelioma. 42. Lung cancer. 43. Asbestosis.	a)The working or handling of asbestos or any admixture of asbestos; (b)the manufacture or repair of asbestos textiles or other articles containing or composed of asbestos; (c)the cleaning of any machinery or plant used in any of the foregoing operations and of any chambers, fixtures and appliances for the collection of asbestos dust; or (d)substantial exposure to the dust arising from any of the foregoing operations.
44. Cancer of the nasal cavity or associated air sinuses.	Work where nickel is produced by decomposition of a gaseous nickel compound or in any process which is ancillary or incidental thereto.
45. Occupational dermatitis.	Work involving exposure to any of the following agents: (a)epoxy resin systems; (b)formaldehyde and its resins;

	<p>(c)metalworking fluids; (d)chromate (hexavalent and derived from trivalent chromium); (e)cement, plaster or concrete; (f)acrylates and methacrylates; (g)colophony (rosin) and its modified products; (h)glutaraldehyde; (i)mercaptobenzothiazole, thiurams, substituted paraphenylene-diamines and related rubber processing chemicals; (j)biocides, anti-bacterials, preservatives or disinfectants; (k)organic solvents; (l)antibiotics and other pharmaceuticals and therapeutic agents; (m)strong acids, strong alkalis, strong solutions (e.g. brine) and oxidising agents including domestic bleach or reducing agents; (n)hairdressing products including in particular dyes, shampoos, bleaches and permanent waving solutions; (o)soaps and detergents; (p)plants and plant-derived material including in particular the daffodil, tulip and chrysanthemum families, the parsley family (carrots, parsnips, parsley and celery), garlic and onion, hardwoods and the pine family; (q)fish, shell-fish or meat; (r)sugar or flour; or (s)any other known irritant or sensitising agent including in particular any chemical bearing the warning "may cause sensitisation by skin contact" or "irritating to the skin".</p>
<p>46. Extrinsic alveolitis (including farmer's lung).</p>	<p>Exposure to moulds, fungal spores or heterologous proteins during work in: (a)loading, unloading or handling mouldy vegetable matter or edible fungi whilst same is being stored; (b)caring for or handling birds; or (c) handling bagasse.</p>
<p>47. Occupational asthma.</p>	<p>Work involving exposure to any of the following agents: (a)isocyanates; (b)platinum salts; (c)fumes or dust arising from the manufacture, transport or use of hardening agents (including epoxy resin curing agents) based on phthalic anhydride,</p>

	<p>tetrachlorophthalic anhydride, trimellitic anhydride or triethylene-tetramine;</p> <p>(d)fumes arising from the use of rosin as a soldering flux;</p> <p>(e)proteolytic enzymes;</p> <p>(f)animals including insects and other arthropods used for the purposes of research or education or in laboratories;</p> <p>(g)dusts arising from the sowing, cultivation, harvesting, drying, handling, milling, transport or storage of barley, oats, rye, wheat or maize or the handling, milling, transport or storage of meal or flour made therefrom;</p> <p>(h)antibiotics;</p> <p>(i)cimetidine;</p> <p>(j)wood dust;</p> <p>(k)ispaghula;</p> <p>(l)castor bean dust;</p> <p>(m)ipecacuanha;</p> <p>(n)azodicarbonamide;</p> <p>(o)animals including insects and other arthropods (whether in their larval forms or not) used for the purposes of pest control or fruit cultivation or the larval forms of animals used for the purposes of research or education or in laboratories;</p> <p>(p)glutaraldehyde;</p> <p>(q)persulphate salts or henna;</p> <p>(r)crustaceans or fish or products arising from these in the food processing industry;</p> <p>(s)reactive dyes;</p> <p>(t)soya bean;</p> <p>(u)tea dust;</p> <p>(v)green coffee bean dust;</p> <p>(w)fumes from stainless steel welding;</p> <p>(x) any other sensitising agent, including in particular any chemical bearing the warning "may cause sensitisation by inhalation".</p>
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Schedule 2

REPORT OF A CASE OF OCCUPATIONAL DISEASE

For IOM Registered Vessels

This form must be completed by an employer or other responsible person



Part A	Part B
About you	About the affected person
What is your full name?	What is their full name?
<input type="text"/>	<input type="text"/>
What is your job title?	What is their date of birth?
<input type="text"/>	<input type="text"/>
What are your contact details?	What is their job title?
Tel:	<input type="text"/>
Fax:	Are they
Email:	<input type="checkbox"/>
<input type="text"/>	Male?
<input type="text"/>	<input type="checkbox"/>
<input type="text"/>	Female?
About your organisation	Is the affected person (tick one box)
What is the name of your organisation?	<input type="checkbox"/>
<input type="text"/>	one of your employees?
What is its address and postcode?	<input type="checkbox"/>
<input type="text"/>	on a training scheme? Give details:
What is the name of the vessel?	<input type="text"/>
<input type="text"/>	<input type="checkbox"/>
What type of vessel is it?	on work experience?
<input type="text"/>	<input type="checkbox"/>
Where does it operate to and from?	Employed by someone else?
<input type="text"/>	Give details:
	<input type="text"/>
	<input type="checkbox"/>
	Other? Give details:
	<input type="text"/>

Part C

The disease you are reporting

Please give:

- The name of the disease, and the type of work it is associated with; **or**
- The name and number of the disease (See IOM MLN 4.3(E))

What is the date of the statement of the doctor who first diagnosed or confirmed the disease?

What is the name and address of the doctor?

Part D

Describing the work that led to the disease

Please describe any work done by the affected person which might have led to them getting the disease.

If the disease is thought to have been caused by exposure to an agent at work (e.g. a specified chemical) please state what the agent is.

Give any other information which is relevant.

Continue your description here if necessary

Part E

Your signature

Signature

Date

If returning by post or fax, please ensure that the form is signed. Alternatively, if returning by E-mail please type your name in the signature box.

Send the completed form to:

E-mail marine.survey@gov.im

Fax +44(0)1624 688501

Mail address: Isle of Man Ship Registry

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For official use

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