# **Non-Destructive Testing Service Suppliers**

## **Object of Amendment**

Rules for the Survey and Construction of Steel Ships Part M Guidance for the Survey and Construction of Steel Ships Part M

#### **Reason for Amendment**

Chapter 7, Part M of the Rules for the Survey and Construction of Steel Ships stipulates requirements necessary for confirming Classification Society to ensure non-destructive testing service suppliers are properly qualified in accordance with IACS UR W35. Although the current requirements were intended to apply to only subsidiaries or cooperating companies that are independent of the quality controls of the builders of new ships, IACS decided, as a result of discussions among its members, to revise the UR to expand its application so that the same quality confirmation applies to all parties conducting non-destructive testing related to the construction of new ships.

In addition, in response to a request for the adoption of a common industry-wide treatment regarding the qualifications required for persons assigned to supervise non-destructive testing, the UR was further revised to reflect the past practices, such as the application of in-house certification systems for non-destructive testing qualifications, of each classification society. The revised UR was adopted by IACS as UR W35 (Rev.1).

Accordingly, relevant requirements are amended based on IACS UR W35 (Rev.1).

### **Outline of the Amendment**

- (1) Expands the application of the UR to all parties conducting non-destructive testing related to the construction of new ships.
- (2) Amends requirements related to the qualifications of persons assigned to supervise non-destructive testing as part of quality control.
- (3) Amends requirements related to supervisor responsibilities.

## Effective Date and application

Effective date of this draft amendment is 1 January 2025.

An asterisk (\*) after the title of a requirement indicates that there is also relevant information in the corresponding Guidance.

ID: DH24-03

1	he amendment (Non-Destructive Testing Service Suppr	
Amended	Original	Remarks
RULES FOR THE SURVEY AND	RULES FOR THE SURVEY AND	IACS UR W35 (Rev.1)
CONSTRUCTION OF STEEL SHIPS	CONSTRUCTION OF STEEL SHIPS	Reference Number
Part M WELDING	Part M WELDING	
Chapter 7 Non-Destructive Testing Service	Chapter 7 Non-Destructive Testing Service	
Suppliers	Suppliers	
	••	
7.1 General	7.1 General	
7.1 General	7.1 General	
7.1.1 Application*	7.1.1 Application*	
1 The Non-Destructive Testing (NDT) Service	1 The requirements of this chapter are applied to firms	1.1(i) and note
Suppliers which conduct NDT (including the Advanced	providing NDT (Non-Destructive Testing) services for ships	
Non-Destructive Testing (ANDT) specified in Chapter 9,	and offshore structures as well as their components.	
unless otherwise specified) for registered ships and offshore		
structures during classification survey are to comply with		
this chapter.		
2 The requirements of this chapter apply to following	(Newly added)	1.1(ii)
NDT Service Suppliers.		
(1) Independent NDT companies		
(2) Internal departments of fabricators, e.g. shipyards,		
hull block/section fabricators performing NDT.		
The NDT service specified in this chapter covers the		
service application to the following hull structure		
and associated items at the fabrication stage during		
new construction:		
(a) The welding of components that are integrated		
into the ship or offshore structure.		

Amended	Original	Remarks
(b) The fabrication of independent fuel or cargo	-	
tanks (including those intended for		
low-flashpoint fuels, e.g. Type A, B and C		
independent tanks as described in Part N of the		
Rules and Part GF of the Rules).		
(c) Items listed within the definition of hull		
structure as follows.		
i) hull envelope including all internal and		
external structures;		
ii) superstructures, deckhouses and casings;		
iii) welded foundations, e.g. main engine		
seatings;		
iv) atch coamings and bulwarks;		
v) all penetrations fitted and welded into		
bulkheads, decks and shells;		
vi) the fittings of all connections to decks,		
bulkheads and shells, such as air pipes and		
ship side valves – all ILLC 1966, as		
amended, items;		
vii) welded attachments to shell, decks and		
primary members, e.g. crane pedestals, bitts		
and bollards, but only in regards to their		
interaction on the hull structure.		
(d) Rudders of welded construction.	2 The requirements of this chapter are intended to	1.2
<u>3</u> The requirements of this <u>chapter</u> are intended to		1.2
ensure that such <u>NDT Service Suppliers</u> are using appropriate procedures, have qualified and certified personnel and have	ensure that such <u>firms</u> are using appropriate procedures, have qualified and certified personnel and have implemented	
implemented written procedures for the training, experience,	written procedures for the training, experience, education,	
education, examination, certification, performance,	examination, certification, performance, application, control,	
application, control, verification and reporting of <i>NDT</i> . In	verification and reporting of <i>NDT</i> . In addition, <u>firms</u> are to	
addition, <i>NDT</i> Service Suppliers are to furnish appropriate	furnish appropriate equipment and facilities commensurate	
equipment and facilities commensurate with providing a	with providing a professional service.	
equipment and facilities commensurate with providing a	with providing a professional service.	

Con	Amended	dole of the current and t	Original	Remarks
professional <i>NDT</i> servi	professional NDT service.			
	such a fir	m requests approval, the ervice Supplier.	<u>3</u> In case where such a firm requests approval, the Society may approve it as a <u>NDT service supplier</u> .	
order to determine con	npliance wit	NDT Service Supplier in the requirements of this on is to be decided by the	(Newly added)	1.1(iii)
7.1.2 Definitions			7.1.2 Definitions	
The definitions are specified in the foll		nich appear in this chapter e M7.1.	The definitions of terms which appear in this chapter are specified in the following <b>Table M7.1</b> .	
Table M7.1 The definitions of terms		efinitions of terms	1.3	
	NDT	components in ways that do not in order to measure geometrical chevaluate flaws. <i>NDT</i> is also knon-destructive inspection ( <i>NDI</i> ) a	in of technical methods to examine materials or impair their future usefulness and serviceability, in maracteristics and to detect, locate, measure and known as non-destructive examination (NDE), and non-destructive evaluation (NDE). Comprising, ethods and techniques MT, PT, RT, VT, UT and ET.	
	ANDT	The above definition of <i>NDT</i> app such as <i>RT-D</i> , <i>PAUT</i> , <i>TOFD</i> and <i>A</i>	lies; however, $ANDT$ includes advanced methods $UT$ .	
	NDT Service Supplier	company providing NDT service	NDT department/section that forms a part of a ses on new construction of ships and offshore forming $NDT$ on the items as listed in 7.1.1-2.	
	MT	Magnetic Particle Testing		
	PT	Penetrant Testing		
	RT RT-D	Digital Radiography Testing (A technique within the method RT, e.g. Computed		
	UT	Ultrasonic Testing		

	Amended		Original	Remarks	
	PAUT	controls the transmission time of a as ultrasonic beam at an arbitrary i	(A type of <i>UT</i> technique in which electronically pulse wave transmitted from a plurality transducer refraction angle and focal length to detect flaws. A flaw detection results as a two-dimensional image).		
	TOFD	Time of Flight Diffraction (A type dimension measurement are perfo	Time of Flight Diffraction (A type of <i>UT</i> technique in which plane flaw detection and imension measurement are performed by a method using the correlation between interference waves at various probe positions or angles of incidence).		
	AUT	Automated Ultrasonic Testing:tech	anique by which an object is tested by ultrasound echanical control and where ultrasonic data is		
	ET	Electromagnetic Testing, Eddy C Measurements ( <i>ACFM</i> ), etc.	Current Testing and/or Alternating Current Field		
	VT	Visual Testing			
	Industrial sector	-	gy where specialized <i>NDT</i> practices are used, mowledge, skill, equipment and/or training.		
	Product sector	and/or shape, which may have u defect characteristics. Product sect	be defined by type of manufacturing, fabrication, inique, and/ or general manufacturing/fabrication or examples include (but not limited to): castings, products, extruded products and welds.		
7.1.3 References	S	mongat products (totgange), roned	7.1.3 References		
1 The following	referenced	documents are to be used	The following referenced documents are to be used	1.4	
		as appropriate. For updated	for the application of this <u>chapter</u> as appropriate. <u>Other</u>		
		the referenced document	national standards listed below are accepted as compliant and		
(including any amenda	ments) applie	es.	hence are accepted for use together with this document. The		
			below standards, in principle, refer to the most recent version published.		
(1) <i>ISO</i> 9712: <u>2</u> Qualification		-destructive testing – tion of <i>NDT</i> personnel	(1) ISO 9712:2012: Non-destructive testing – Qualification and certification of NDT personnel		
=		Conformity assessment –	(2) ISO/IEC 17020:2012: Conformity assessment –		
Requirements	for the ope	ration of various types of	Requirements for the operation of various types of		
bodies perform	-		bodies performing inspection		
` '		Conformity assessment -	(3) ISO/IEC 17024:2012: Conformity assessment –		
1	uirements	for bodies operating	General requirements for bodies operating		
certification o	i persons		certification of persons		

Comparison   Com	Amended	Original	Remarks
Requirements  (S) SNT-TC-1A-2020; Personnel Qualification and Certification in Nondestructive Testing  (6) ANSI/ASNT CP-189:2020; ASNT Standard for Qualification and Certification of Nondestructive Testing Personnel  2 Other national adoptions of the standards listed above -1 are accepted as compliant and hence are accepted for use together with this document.  7.2 Requirements for NDT Service Suppliers  7.2 Requirements for NDT Service Suppliers  7.2 Requirements for Documents  The NDT Service Supplier is to document, as required in 7.3 to 7.6, that it has the competence and control needed to perform the specified NDT services.  7.2.1 Requirements for Documents  The following documents are to be available for the Society upon request:  (1) An outline of NDT Service Supplier's organization and management structure, including any subsidiaries.  (2) Information on the structure of the NDT Service Supplier's quality management system.  (3) Quality manual and documented procedures covering the requirements given in 7.2,23  (4) For companies with in-house certification of personnel scheme; a written practice developed in for personnel, a written practice developed in for personnel scheme; a written practice developed in for personnel scheme; a written practice developed in for personnel, a written practice developed in for personnel, a written practice developed in for personnel scheme; a written practice developed in for personnel scheme; a written practice developed in for personnel, a written practice developed in for personnel scheme; a written practice developed in for person			Kemarks
(Newly added)  Certification in Nondestructive Testing (6) ANSI/ASNT CP-189:2020; ASNT Standard for Qualification and Certification of Nondestructive Testing Personnel  2 Other national adoptions of the standards listed above -1 are accepted as compliant and hence are accepted for use together with this document.  7.2 Requirements for NDT Service Suppliers  7.2 Requirements for NDT Service Suppliers  7.2 Requirements for NDT Service Supplier is to document, as required in 7.3 to 7.6, that it has the competence and control needed to perform the specified NDT services.  7.2.2 Requirements for Documents  The following documents are to be available for the Society upon request:  (1) An outline of NDT Service Supplier's organization and management structure, including any subsidiaries.  (2) Information on the structure of the NDT Service Supplier's quality management system.  (3) Quality manual and documented procedures covering the requirements given in 7.2.3  (4) For companies with in-house certification of personnel, a written practice developed in for personnel, a written practice developed in for personnel, a written practice developed in for personnel scheme; a written practice developed in for personnel, a written practice developed in for personnel scheme; a written practice developed in for personnel, a written practice developed in for personnel scheme; a written practice developed in for personnel, a written practice developed in for personnel, a written practice developed in for personnel scheme; a written practice developed in for personnel, a written practice developed in for personnel, a written practice developed in for personnel scheme; a written practice developed in for personnel, a written practice developed in for personnel scheme; a written practice developed in for personnel, a written practice developed in for personnel scheme; a wri			
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Comparison of the standard for Qualification and Certification of Nondestructive Testing Personnel		(Newly added)	
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	Amended Original Remarks				
	Amended		Original CONTROLLA	Kemarks	
	recommended practice (i.e. ASNT's SNT-TC-1A,		recommended practice (i.e. ASNT's SNT-TC-1A,		
( <b>5</b> )	<u>2020</u> , <i>ANSI/ASNT CP</i> -189, <u>2020</u> or similar).	(5)	2016, <i>ANSI/ASNT CP</i> -189, <u>2016</u> or similar).		
(5)	Operational work procedures for each <i>NDT</i> method,	(5)	Operational work procedures for each <i>NDT</i> method,		
(6)	including selection of the <i>NDT</i> technique.	(6)	including selection of the <i>NDT</i> technique.		
(6)	Training and follow-up programmes for NDT	(6)	Training and follow-up programmes for NDT		
	operators including practical training on various ship		operators including practical training on various ship		
( <b>-</b> )	and offshore products.	2.7	and offshore products.		
<u>(7)</u>	Written statement issued by the employer, based	(New	vly added)		
	upon the scope of certification, authorising the				
(0)	operator to carry out specified tasks	(7)	F		
<u>(8</u> )	For suppliers who have personnel certification	( <u>7</u> )	For suppliers who have personnel certification		
	schemes, procedures <u>for supervisor's</u> authorisation		schemes, procedures <u>related to the supervisor</u>		
(0)	of <i>NDT</i> operators.	(9)	authorisation of <i>NDT</i> operators.		
( <u>9</u> )	Experience of the <u>NDT Service Supplier</u> in the	( <u>8</u> )	Experience of the <u>supplier</u> in the specific service		
(4.0)	specific service area.	(0)	area.		
(10)	For companies which obtain certification from an	( <u>9</u> )	A list of documented training and experience for		
	accredited certification body; a list of documented		NDT operators within the relevant service area,		
	training and experience for <i>NDT</i> operators within the		including qualifications and third party certification		
	relevant <u>NDT</u> service area, including qualifications		per ISO 9712:2012 based certification schemes.		
	and third party certification per ISO 9712:2021				
	based certification schemes.	(10)	Description of equipment used for the services		
( <u>11</u> )	Description of equipment used for the <u>NDT</u> services	( <u>10</u> )	performed by the suppliers.		
(1.0)	performed by the <u>NDT Service Suppliers</u> .	(11)	A guide for <i>NDT</i> operators to use equipment		
( <u>12</u> )	A guide for <i>NDT</i> operators to use equipment	( <u>11</u> )	mentioned in (10).		
(10)	mentioned in $(\underline{11})$ .	(12)	Record formats.		
( <u>13</u> )	Record formats for recording results of the NDT	( <u>12</u> )	10001a 10111atto.		
(1.4)	service referred to 7.6.1.	(13)	Information on other activities which may present a		
( <u>14</u> )	Information on other activities which may present a	( <u>13</u> )	conflict of interest.		
(1.5)	conflict of interest. <u>(if applicable)</u>	(14)	Record of customer claims and corrective actions.		
( <u>15</u> )	Record of customer claims and corrective actions. (if	( <u>1 T</u> )	100014 of eastonier claims and corrective deticits.		
(1.0)	applicable)	(15)	Any current or past legal proceedings involving the		
( <u>16</u> )	Any legal proceedings <u>against</u> the company in the	( <u>13</u> )	company.		
			p j ·		

	Amended		Original	Remarks
	past/currently in the courts of law. (if applicable)			
(Del		2 availab	The documents mentioned in -1 are to be made ble to the Society upon request.	
7.3	<b>Quality Requirements</b>	7.3	Quality Requirements	
7.3.1	Quality Management System	7.3.1	Quality Management System	
1	NDT Service Suppliers are to have a documented	1	Suppliers are to have a documented quality	2.2
quality	management system, covering at least the following.	manag	ement system, covering at least the following.	
(1)	Work procedures for all tasks and operations,	(1)	Work procedures for all tasks and operations,	
	including the various NDT methods and NDT		including the various NDT methods and NDT	
	techniques for which the <u>NDT Service Supplier</u> is involved.		techniques for which the supplier is involved.	
(2)	Preparation, issuance, maintenance and control of documents.	(2)	Preparation, issuance, maintenance and control of documents.	
(3)	Maintenance and calibration of the <i>NDT</i> equipment.	(3)	Maintenance and calibration of the <i>NDT</i> equipment.	
(4)	Training programs for the <i>NDT</i> operators and the supervisors.	(4)	Training programs for the <i>NDT</i> operators and the supervisors.	
(5)	Maintenance of records for <i>NDT</i> operators and supervisors training, qualification and certification.	(5)	Maintenance of records for <i>NDT</i> operators and supervisors training, qualification and certification.	
(6)	Certification of <i>NDT</i> operators (the latest version).	(6)	Certification of <i>NDT</i> operators (the latest version).	
(7)	Procedures for testing operator visual acuity.	(7)	Procedures for testing operator visual acuity.	
(8)	Supervision and verification of operation to ensure	(8)	Supervision and verification of operation to ensure	
	compliance with the <i>NDT</i> procedures.		compliance with the <i>NDT</i> procedures.	
(9)	Quality management of subsidiaries.	(9)	Quality management of subsidiaries.	
\ /	Job preparation.	(10)	1 1	
(11)	Order reference system where each engagement is	(11)	Order reference system where each engagement is	
	traceable to when and where the test was carried out		traceable to when and where the test was carried out	
	as well as who carried it out.		as well as who carried it out.	
(12)	Recording and reporting of information, including	(12)	Recording and reporting of information, including	
	retention time of records.		retention time of records.	

Amended	Original	Remarks
	Original 1: 2 4: 4:	Kemaiks
(13) Code of conduct for the <u>NDT Service Supplier's</u>	(13) Code of conduct for the <u>supplier's</u> activities,	
activities, especially <i>NDT</i> related activities.	especially <i>NDT</i> related activities.	
(14) Periodic review of work process procedures.	(14) Periodic review of work process procedures.	
(15) Corrective and preventive action.	(15) Corrective and preventive action.	
(16) Feedback and continuous improvement.	(16) Feedback and continuous improvement.	
(17) Internal audits.	(17) Internal audits.	
(18) Provisions of accessibility to required codes,	(18) Provisions of accessibility to required codes,	
standards and procedures to assist <i>NDT</i> operators.	standards and procedures to assist <i>NDT</i> operators.	
2 A documented quality system complying with the	2 A documented quality system complying with the	2.2
most recent version of ISO/IEC 17020:2012 and including	most recent version of ISO/IEC 17020:2012 and including	
the above information mentioned in -1 would be considered	the above information mentioned in -1 would be considered	
acceptable. The <u>NDT Service Supplier</u> may satisfy the	acceptable. The supplier may satisfy the requirements of	
requirements of Type A or Type B or Type C inspection body,	Type A or Type B inspection body, as described in ISO/IEC	
as described in ISO/IEC 17020:2012. In all cases, production	17020:2012.	
staff is not allowed to inspect their own work in the case of		
Type C inspection body.		
7.3.2 Qualification and Certification of NDT	7.3.2 Qualification and Certification of NDT	
Personnel	Personnel	
1 <u>The NDT Service</u> Supplier is responsible for the	1 Supplier supervisors and operators <u>are</u> to <u>be</u>	2.3
qualification and preferably 3rd party certification of its	recognised by a certification scheme based upon ISO	
supervisors and operators to <u>a</u> recognised certification	9712:2012 or JIS Z2305. The aforementioned standards, in	
scheme based <u>on</u> <i>ISO</i> 9712: <u>2021</u> or <i>JIS Z</i> 2305.	principle, refer to the most recent version published.	
2 The <u>NDT Service Supplier</u> is to be responsible for the	2 The <u>supplier</u> is to be responsible for the above -1.	2.3
above -1.		
3 Personnel qualification by an employer based upon	3 Personnel qualification by an employer based upon	2.3
relevant and/or recommendation standards which are found	relevant and/or recommendation standards which are found	
acceptable by the Society (e.g. SNT-TC-1A, 2020 or	acceptable by the Society (e.g. SNT-TC-1A, 2016 or	
ANSI/ASNT CP-189, 2020 etc.) may be accepted if the NDT	ANSI/ASNT CP-189, 2016 etc.) may be accepted if the	
Service Supplier's written practice is reviewed and found	supplier's written practice is reviewed and found acceptable	
acceptable by the Society. In such cases, the <i>NDT</i> Service	by the Society. In such cases, the supplier's written practice	
Supplier's written practice is at a minimum, except for the	is at a minimum, except for the impartiality requirements of a	

Amended	Original	Remarks
	ĕ	Remarks
impartiality requirements of a certification body and/or	certification body and/or authorised body, to comply with	
authorised body, generally to comply with the requirements	ISO 9712:2012.	
<u>of ISO 9712:2020.</u>		
4 For <i>NDT</i> operators holding certificates issued via an	(Newly added)	2.3
employer based scheme, the employer's certification is		
deemed revoked when employment is terminated by either		
party.		
<u>5</u> Supervisor and operator certificates and competence	<u>4</u> Supervisor and operator certificates and competence	2.3
are to comprise all industrial sectors and techniques being	are to comprise all industrial sectors and techniques being	
applied by the supplier.	applied by the supplier.	
6 Level 3 personnel are certified by one of the	(Newly added)	2.3
following means:	,	
(1) obtain certification from an accredited certification		
body.		
(2) obtain certification from an employer based scheme		
via the examination method, as detailed in the		
written practice. It is not permissible to directly		
appoint a level 3 without examination if the intended		
certification route is from an employer based		
scheme.		
<u>seneme.</u>		
7.3.3 Supervisor	7.3.3 Supervisor	
1 The NDT Service Supplier have a supervisor or	1 <u>Suppliers are to have a supervisor or supervisors who</u>	2.4
supervisors, responsible for the <u>following:</u>	are responsible for the appropriate execution of NDT	
	operations and for the professional standard of the operators	
	and their equipment, including the professional	
	administration of the working procedures.	
(a) validate <i>NDT</i> instructions and procedures	<i>O</i> 1	
established and reviewed by level 3 personnel;		
(b) review of <i>NDT</i> reporting;		
(c) supervise all tasks and <i>NDT</i> operations at all		
levels;		
101010,		

Amended	Original	Remarks
(d) inspection of NDT equipment, tools and		
calibration;		
(e) re-evaluate the qualification of the operators		
annually on behalf of the NDT Service Supplier.		
2 Normally, the <i>NDT</i> Service Supplier employs (on a	2 Supervisors are to be independently certified to Level	2.4
full-time basis) a level 3 supervisor, certified to level 3 in the	3 by a third party based upon 7.3.2 and accepted by the	
applicable method(s) as per the requirements of this chapter.	Society.	
3 It is recognised that an <i>NDT</i> Service Supplier may not	3 In relation to -2, suppliers are to employ, on a	2.4
directly employ a Level 3 in all the stated methods practiced.	full-time basis, at least one supervisor for all NDT methods	
In such cases, it is permissible to employ an external Level 3	which are carried out by the supplier, except in cases where it	
who is certified by an accredited certification body in those	is recognised that it is difficult for the supplier to directly	
methods not held by the full-time Level 3(s) of the NDT	employ a Level 3 certified supervisor for all the stated NDT	
Service Supplier.	methods.	
4 Alternatively, and by agreement with the Society, the	4 Supervisors are to be directly involved in the review	2.4
NDT Service Supplier may appoint an internal (full-time	and acceptance of NDT procedures, NDT reports and the	
employed) supervisor of NDT activities, who does not hold	calibration of NDT equipment and tools.	
level 3 certification. In this case, the supervisor is certified to		
a minimum of level 2. For NDT Service Suppliers operating		
this alternative approach, the NDT Service Supplier comply		
with all other requirements of this chapter and employ (either		
part time or on a contract basis) Level 3 NDT services (to		
carry out functions such as procedure development,		
procedure approval, consultancy, review etc.) from outside		
the NDT Service Supplier organisation. The appointed		
external level 3 is certified by an accredited certification		
body in all the applicable methods appropriate to the scope		
of the NDT operations.		
7.2.4	7.2.4	
7.3.4 Operators	7.3.4 Operators	2.5
1 Operators are at a minimum to be qualified and	1 Operators are at a minimum to be qualified and	2.5
certified to Level 2 in the <i>NDT</i> method(s) concerned and as	certified to Level 2 in the <i>NDT</i> method(s) concerned and as	
described in 7.3.2.	described in 7.3.2.	

Amended	Original	Remarks
	Original	
2 Operators who are qualified and certified as Level 1	2 Operators who are qualified and certified as Level 1	2.5
are to only undertake the gathering of data and the using of	are to only undertake the gathering of data and the using of	
NDT methods. They are not, however, to undertake the	NDT methods. They are not, however, to undertake the	
performing data interpretation or data analysis.	performing data interpretation or data analysis.	
3 Operators are to have adequate knowledge of	3 Operators are to have adequate knowledge of	2.5
materials, welds, structures or components as well as of <i>NDT</i>	materials, welds, structures or components as well as of <i>NDT</i>	
equipment and its limitations that is sufficient to apply the	equipment and its limitations that is sufficient to apply the	
relevant <i>NDT</i> method for each application appropriately.	relevant NDT method for each application appropriately.	
7.3.5 Sub-contractors	7.3.5 Sub-contractors	
1 <u>The NDT Service</u> Suppliers are to provide	1 Suppliers are to provide information on agreements	2.8
information on agreements and arrangements if any part(s) of	and arrangements if any part(s) of the services provided are	
the <u>NDT</u> services provided are subcontracted, included level	subcontracted.	
3 NDT services (as described in 7.3.3).		
2 <u>The NDT Service</u> Suppliers, in the following-up of	2 Suppliers, in the following-up of subcontracts, are to	2.8
subcontracts, are to give consideration to the quality	give consideration to the quality management system of the	
management system of the subcontractor.	subcontractor.	
3 Subcontractors are to meet the same requirements	3 Subcontractors are to meet the same requirements	2.8
placed upon the NDT Service Suppliers for any NDT	placed upon <u>suppliers</u> for any <i>NDT</i> performed.	
performed.	, , ,	
7.4 Equipment	7.4 Equipment	
7.4.1 Equipment	7.4.1 Equipment	
1 1	1 Suppliers are to maintain records of the <i>NDT</i>	2.6
1 The NDT Service Suppliers are to maintain records of		۷.0
the <i>NDT</i> equipment used and detailed information related to	equipment used and detailed information related to	
maintenance, calibration and verification activities.	maintenance, calibration and verification activities.	
Operators are to be familiar with the specific equipment type	Operators are to be familiar with the specific equipment type	
prior to using it.	prior to using it.	2.6
2 Where the equipment is of unique nature, operators	2 Where the equipment is of unique nature, operators	2.6
are to be trained by competent personnel in the operation and	are to be trained by competent personnel in the operation and	

Amended	Original	Remarks
	Original	Remarks
use of the equipment before carrying out NDT using such	use of the equipment before carrying out NDT using such	
equipment.	equipment.	
3 Under all circumstances, the <i>NDT</i> Service Suppliers	3 Under all circumstances, <u>suppliers</u> are to possess	2.6
are to possess sufficient equipment to carry out the services	sufficient equipment to carry out the services being a part of	
being a part of the <i>NDT</i> scope required by the Society.	the <i>NDT</i> scope required by the Society.	
7.5 Work instructions and procedures etc.	7.5 Work instructions and procedures etc.	
7.5.1 Work instructions and procedures	7.5.1 Work instructions and procedures	
1 <u>The NDT Service</u> Suppliers are to produce written	1 Suppliers are to produce written procedures for the	2.7
procedures for the <i>NDT</i> being applied. These procedures are	NDT being applied. These procedures are to be written,	
to be written, verified or approved by the <u>NDT Service</u>	verified or approved by the <u>supplier's</u> Level 3 supervisor.	
Supplier's Level 3 supervisor (either internal, or external, as		
described in 7.3.3).		
2 Procedures are to be documented and include all	2 Procedures are to be documented and include all	2.7
relevant information relating to the inspection, including the	relevant information relating to the inspection, including the	
defect evaluation acceptance criteria deemed appropriate by	defect evaluation acceptance criteria deemed appropriate by	
the Society.	the Society.	
3 All NDT procedures and instructions are to be	3 All NDT procedures and instructions are to be	2.7
properly documented in such a way that the performed	properly documented in such a way that the performed	
testing can be easily traced and/or repeated at a later stage.	testing can be easily traced and/or repeated at a later stage.	
4 All NDT procedures stipulated in 7.5.1 are to be	4 All NDT procedures stipulated in 7.5.1 are to be	2.7
reviewed by the Society.	reviewed by the Society.	
7.6 Reporting	7.6 Reporting	
7.6.1 Reporting to the Society	7.6.1 Reporting to the Society	
1 All are to be properly documented in such a way that	1 All <u>reports</u> are to be properly documented in such a	2.9
the performed testing and examination can be easily <u>retraced</u>	way that the performed testing and examination can be easily	

Amended	Original	Remarks
and/or repeated as a later stage.	traced and/or repeated.	
2 All reports are to identify the defects present in the	2 All reports are to identify the defects present in the	2.9
tested area, and include a conclusive statement as to whether	tested area, and include a conclusive statement as to whether	
the material, weld, component or structure satisfies the	the material, weld, component or structure satisfies the	
acceptance criteria.	acceptance criteria.	
3 All reports are to include references to the applicable	3 All reports are to include references to the applicable	2.9
standards, NDT procedures and acceptance criteria applied	standards, NDT procedures and acceptance criteria applied	
with respect to the applicable NDT method/technique. In	with respect to the applicable NDT method/technique. In	
general, the acceptance criteria are to comply with relevant	general, the acceptance criteria are to comply with relevant	
Society Rules.	Society Rules.	
4 All reports are to be signed by the personnel with the	(Newly added)	2.9
appropriate level of certification, and the appropriate		
signatory status as defined in the Quality Management		
System.		
EFFECTIVE DATE AND APPLICATION		
1. The effective date of the amendments is 1 January		
2025.		

Amended	Original	Remarks
GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS  Part M WELDING	GUIDANCE FOR THE SURVEY AND CONSTRUCTION OF STEEL SHIPS  Part M WELDING	
M7 Non-Destructive Testing Service Suppliers	M7 Non-Destructive Testing Service Suppliers	
M7.1 General	M7.1 General	
With respect to 7.1.1, Part M of the Rules, for requirements specified in this chapter which are covered by the certificate issued to suppliers by the Japan Welding Engineering Society (JWES) in accordance with WES 8701 "Standard for certification of nondestructive inspection corporation for welded structures", the Society may regard such suppliers as satisfying the corresponding requirements in this chapter when confirming compliance with this chapter.	For requirements specified in this <u>chapter</u> which are covered by the certificate issued to suppliers by the Japan Welding Engineering Society (JWES) in accordance with WES 8701 "Standard for certification of nondestructive inspection corporation for welded structures", the Society may regard such suppliers as satisfying the corresponding requirements in this <u>chapter</u> when confirming compliance with this <u>chapter</u> .	Regarding 1.1(iii) Original
<ul><li>EFFECTIVE DATE AND APPLICATION</li><li>1. The effective date of the amendments is 1 January 2025.</li></ul>		