Form WE-Main

Application for Welder's Qualification Tests

ClassNK

(Code) Office

We hereby request Welder's Qualification in accordance with
Ch.5 Part M of the Rules for the Survey and Construction of Steel Ships.

1 Company

Company Name — Company Code(CIMS)

Local

English (Alphabet)

Address

Local

English (Alphabet)

Application Date

Person In Charge. — Ref. No.

Telephone No.

2 Base Metal, Welding Process, No of Welder & Material(auto calculate)

Base metal	(x p.)	(x p.)	(x p.)	(x p.)
Weld. Proc.	(x p.)	(x p.)	(x p.)	(x p.)

Welder 0 person

Material 0 pieces

3 Welding Procedure Manual etc.

(WPS Approved No, Standards for Weldings etc...)

5 Scheduled Welding Date & Place

Date ～

Place

(Visual Test place that ClassNK Surveyor attends: HeadOffice, Tranining Centre etc..)

6 Scheduled Test Date & Place

Date ～

Place

(Mechanical Test place that ClassNK Surveyor attends: HeadOffice, Training Centre, Testing Company etc..)

7 Remarks

Option for Certificate

Qual. Order Process

Sub Code

Company Welder ID

Form WE(23.05) Generated by "Welder System" (0) JST(UTC+9) (1)

Guidance for "Application for Welder's Qualification Test"

Please fill in blanks & send ClassNK Office by e-mail.
You can find ClassNK Office & "Gundance of Welders Qualification Tests"

ClassNK My page > Technical Publication(Log in required)

Directory(Eng)
Tech. Publications

0. First of All

Please get Latest version Form WE.
If you already have welders, please ask ClassNK Office to get Form WE with latest data.

1. Form WE-Main

If it is the first time to apply, you need not to input "(Code)"(ClassNK Office) & "Company Code".
Blue is mandatory Green is option Yellow is auto calculated items.
If you fix actual Welding & Test Date, please inform ClassNK Office about it.

2. Form WE-Exam FormWE_Main2.png,0,0,0,0,7.13,3.86

Please see an example for Form WE-Exam.
Form WE-Exam(Sample)

Regarding photos, please make as below.
* 4*3 no hat, upper triplet, no background.
* jpg files. Please set same folder as Form WE.
  You can use digital Camera or Smartphone photos
* Please make zip file with Form WE Excel and photos, and send to ClassNK Office.

3. Form WE-SubCode

If you are in trouble due to many welders, you can use "Sub Code" to sort them by Dept.s, Companies.

It is option to use Sub Code. You need not to use them,
For detail, see Form WE-SubCode.

4. Welder/Qual/CodeList

You can find Welders & Qualifications which registered on ClassNK System.
You can refer Code List to see codes on Form WE-Exam.
Please use them as reference information.

Applicant																								
Part 1 Code	**Part 2 Welder Information**						**Sort**	**Part 3 Examination Information**																
ClassNK Welder ID	Company Welder ID	Sub Code	Name		Birthday	Photo	Exam No.	Valid Date of Existing Qual.	Test Date	ReTest	Exam Type	Welding Process	(Other)	Tack	Product	Type of Welded Joint	Base Metal	(Other)	Thick. (mm)	Outer Dia. (mm)	Welding Position	Detail of Welding Joint	Test Code	Remarks
			(English/Alphabet)	(Local)			1																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

List of Code on Form WE-Exam.

受検種類/Exam Type

Code	Name(English)	Name(JPN)	Detail
Initial(Exm+3y)	Initial(Exm+3y)	初回(試+3年)	Initial Exam. valid 3 years. The Rule(1) will apply for NEXT Renewal Exam..
Initial(Exm+2y)	Initial(Exm+2y)	初回(試+2年)	Initial Exam. valid 3 years. The Rule(2) will apply for NEXT Renewal Exam..
Initial(Rec+3y)	Initial(Rec+3y)	初回(記+3年)	Initial Exam. valid 3 years. The Rule(3) will apply for NEXT Renewal Exam..
ReNew(Exm+3y)	ReNew(Exm+3y)	継続(試+3年)	Extend Validity 3 years according to the Rule(1).
ReNew(Exm+2y)	ReNew(Exm+2y)	継続(試+2年)	Extend Validity 2 years according to the Rule(2).
ReNew(Rec+3y)	ReNew(Rec+3y)	継続(記+3年)	Extend Validity 3 years according to the Rule(3).
NotRenew	NotRenew	不継続	Not extend validity of qualification. Qualification is valid until expire date and shown on new cert..
Delete	Delete	削除	Not extend validity of qualification. Qualification is invalid and not shown on new cert..

* The Rule : The Rule Part M. 5.1.6-1

溶接方法/Welding Process

Code	Name(English)	Name(JPN)
MW	Manual welding	手溶接
SW	Semi-automatic welding	半自動溶接
TW	TIG welding	ティグ溶接
GW	Gas welding	ガス溶接
SAW	Submerged arc welding	サブマージアーク溶接
AGMAW	Automatic gas-shielded metal arc welding	自動ガスシールドアーク溶接
AGTAW	Automatic TIG welding	自動ティグ溶接
ASSAW	Automatic self-shielded arc welding	自動セルフシールドアーク溶接
EGW	Electrogas welding	エレクトロガス溶接
ESW	Electroslag welding	エレクトロスラグ溶接
GRW	Gravity welding	グラビティ溶接
ETC	Other automatic welding	その他の自動溶接

製品種類/Product

Code	Name(English)	Name(JPN)
P	Plate	板
T	Tube	管

母材/Base metal

Code	Name(English)	Name(JPN)
CS	Carbon steel	普通鋼
SU	Stainless steel	ステンレス鋼
AL	Aluminum alloy	アルミニウム合金
NI	Nickel steel	ニッケル鋼
ET	The others	その他の材料

継手種類/Type of Welded Joint

Code	Name(English)	Name(JPN)
B	Butt weld	突合せ溶接
F	Fillet weld	すみ肉溶接

継手詳細/Detail of Welded Joint

Code	Name(English)	Name(JPN)
ss mb	Single side butt weld with backing	突合せ片面裏当あり
ss nb	Single side butt weld without backing	突合せ片面裏当なし
ss gb	Single side butt weld with gas backing	突合せ片面ガスバッキング
bs mb	Both side butt weld with gouging	突合せ両面裏掘あり
bs nb	Both side butt weld without gouging	突合せ両面裏掘なし
sl	Single layer fillet weld	すみ肉一層盛り
ml	Multi layers fillet weld	すみ肉多層盛り

試験コード/Test Code

Code	Name(English)	Name(JPN)
FB	Face bend test	表曲げ試験
RB	Root bend test	裏曲げ試験
SB	Side bend test	側曲げ試験
RT	Radiographic test	放射線透過試験
UT	Ultrasonic test	超音波試験
FT	Fracture test	破面試験
LB	Longitudinal bend test	縦方向曲げ
TT	Notch tensile test	切欠き付き引張試験
MT	Macro-structure inspection	マクロ試験

FormWE_CodeList1.png,1.7,0.2,0,0,10.59,6.96

***1 PC+PH and PC+PJ**

(Rule Part M, 5.3.3-9. and Table M5.14 (3)/鋼船規則M編5章 5.3.3-9. 表M5.14 (3))
For Initial, Welding for Tube Test Assemblies Applied with PC+PH or PC+PJ position at a time.
Even in this case, please input "FB/RB/FB/RB" for Form WE-Exam insteas of "FB/RB".
初回の場合、管材のPC+PHまたはPC+PJは一つの試験材で二姿勢を受験することができる。
この場合でも、Form WE-Examには本来のFB/RBに代えてFB/RB/RB/RBと入力してください。

For Renewal, Welding for Tube Test Assemblies Applied with PC+PH or PC+PJ position at a time.
Number of Bend Test Specimens is "1" as same as Initial Test
継続の場合、管材のPC+PHまたはPC+PJは一つの試験材で受験することができる。
試験材は初回同様一本でよい。

***2 gas-shielded welding processes using solid wires or metal core wires**
（Rule Part M, Table M5.13/Guideline Table M5.2.2-1）
For Semi-auto**(SW)**, Butt**(B)** and Not-Nickel**(NI)** welding, if welding test is
gas-shielded welding processes using solid wires or metal core wires
, please do NOT select Fracture test**(FT)** and Radiographic test**(RT)**.

***2 ソリッドワイヤ又はメタルコアードワイヤを用いたガスシールドアーク溶接(鋼船規則 表M5.13)**
半自動溶接（**SW**）突合せ溶接（**B**）ニッケル鋼（**NI**）以外を受験する際、
ソリッドワイヤ又はメタルコアードワイヤを用いたガスシールドアーク溶接
の場合は、破面試験（**FT**）、放射線透過試験（**RT**）を選択しないでください。

Gas-shielded welding process using solid wires or metal cored wires
ソリッドワイヤ又はメタルコアードワイヤを用いたガスシールド溶接
ISO4063
131: MIG welding with solid wire electrode/ソリッドワイヤによるミグ溶接
135: MAG welding with solid wire electrode/ソリッドワイヤによるマグ溶接
138: MAG welding with metal cored electrode/メタルコアードワイヤによるマグ溶接
The item below is NOT subject to./下記は対象外
141: TIG welding with solid filler material (wire/rod)/ソリッド溶加材（ワイヤ/棒）によるティグ溶接

Welding Positions(Rule Table M5.8, M5.9/Guideline Table M5.2.2-1) / 溶接姿勢(鋼船規則 表M5.8, M5.9/検査要領 表M5.2.2-1)

				Range of Qualification/適用可能範囲																				
				Plate/板												Tube/管								
				Butt突合せ/					Fillet/すみ肉							Butt/突合せ				Fillet/すみ肉				
				PA	PC	PE	PF	PG	PA	PB	PC	PD	PE	PF	PG	PA	PC	PH	PJ	PA	PB	PD	PH	PJ
Test Piece 試験材	Plate 板	Butt 突合せ	PA	○					○	○						○				○	○			
			PC	○	○				○	○	○					○	○			○	○			
			PE	○	○	○			○	○	○	○	○			○	○			○	○	○		
			PF	○			○		○	○				○		○				○	○			
			PG					○							○									
		Fillet すみ肉	PA						○											○				
			PB						○	○										○	○			
			PC						○	○	○									○	○			
			PD						○	○	○	○	○							○	○	○		
			PE						○	○	○	○	○							○	○	○		
			PF						○	○				○						○	○			
			PG												○									
	Tube 管	Butt 突合せ	PA	○*1					○*1	○*1						○				○	○			
			PC	○*1	○*1				○*1	○*1	○*1					○	○			○	○			
			PH	○*1		○*1	○*1		○*1	○*1	○*1	○*1	○*1	○*1		○		○		○	○	○	○	
			PJ	○*1		○*1		○*1	○*1	○*1		○*1	○*1		○*1	○			○	○	○	○		○
		Fillet すみ肉	PA						○*1											○				
			PB						○*1	○*1										○	○			
			PD						○*1	○*1	○*1	○*1	○*1							○	○	○		
			PH						○*1	○*1	○*1	○*1	○*1	○*1						○	○	○	○	
			PJ						○*1	○*1			○*1		○*1					○	○	○		○

*1 Applicable in the case where diameter of tube test piece over 25mm./試験材の外径が25mmを超える場合は承認範囲とする。
（Guidance Table M5.2.2-1 / 検査要領 表M5.2.2-1）

		Plate/板		Pipe/管	
		Butt/突合せ	Fillet/すみ肉	Butt/突合せ	Fillet/すみ肉
PA	Flat 下向	FormWE_CodeList2.png,0,0,0,0,16.66,29		Rotating 回転管	Rotating 回転管
PB	Horizontal Vertical 水平すみ肉				Rotating/Fixed Rotating
PC	Horizontal 横向			Rotating/Fixed 回転管/固定管	
PD	Horizontal Overhead 上向水平すみ肉				Rotating/Fixed 回転管/固定管
PE	Overhead 上向				
PF	Vertical Up 立向上進				
PG	Vertical Down 立向下進				
PH				Fixed	Fixed

	Pipe Position for Welding Upwards 水平固定管（上進）			固定管	固定管
PJ	Pipe Position for Welding Downwards 水平固定管（下進）			Fixed 固定管	Fixed 固定管

Applicant			
Part 1 Code			**Part 2 Welder**
ClassNK Welder ID	Company Welder ID	Sub Code	Na (English/Alphabet)
1	2	3	4
FormWE_Example1_E.png,0,0.5,0,0,69.1,97.8			

	aaa		
	aaa		2-rou Kaiji
	aaa		2-rou Kaiji
NEW0001	aaa		2-rou Kaiji

WQ18009999	0001		1-rou Kaiji
WQ18009999	0001		1-rou Kaiji
WQ18009999	0001		1-rou Kaiji

WQ18009999	0001		1-rou Kaiji
WQ18009999	0001		1-rou Kaiji
WQ18009999	0001		1-rou Kaiji

Information			Sort	
me (Local)	Birthday	Photo	Exam No. 1	Valid Date of Existing Qual.
5	6	7	8	9

海事 2郎				
海事 2郎	2023-01-01			

海事 1郎	2000-01-01	kaiji-1.jpg		2023-04-01
海事 1郎	2000-01-01	kaiji-1.jpg		2023-04-01
海事 1郎	2000-01-01	kaiji-1.jpg		

海事 1郎	2000-01-01	kaiji-1.jpg		45017
海事 1郎	2000-01-01	kaiji-1.jpg		45017
海事 1郎	2000-01-01	kaiji-1.jpg		

Part 3 Ex

Test Date	ReTest	Exam Type	Welding Process	(Other)	Tack	Product	Type of Welded Joint
10	11	12	13	14	15	16	17

		Initial(Exm+3y)	**MW**			**P**	**B**
		Initial(Exm+3y)	**MW**			**P**	**B**
		Initial(Exm+3y)	**SW**			**P**	**B**

amination Information						
Base Metal	(Other)	Thick. (mm)	Outer Dia. (mm)	Welding Position	Detail of Welding Joint	Test Code
18	19	20	21	22	23	24

CS		**12**		**PA**	**ss mb**	**FB/RB**
SU		12		PA	ss mb	FB/RB
SU		12		PA	ss mb	**FB/FB/FB/FB**

Remarks
25

Explanation from Microsoft

Macros from the internet are blocked by defa

ault in Office - Deploy Office | Microsoft Learn

WelderList(E)(22.10) issued by system {0} JST(+9) {1}

Welder Ledger

Office Code

Applicant Code

Date

Welder & Latest Certificate			
Exam	Company Welder ID	NK Welder ID	Sub Code(Abbr.)

Name(English)	Name(Local)	Date of Birth

Remarks	Certificate No.	Date of Issue

Upcomming Expire Date	months until expire	Company Name(Eng)

Company Name(Local)	Last Confirm date	Last Confirm No.

QualList(E)(22.10) issued by system {0} JST(+9) {1}

Qualification List

	OfficeCode	Th
	CompanyCode	
	Date	If you in

Welder & Latest Certificate			
Exar Company Welder ID	NK Welder ID	Sub Code(Abbr.)	Name(English)

"Qualification List" is the list for qualifications registered in system.
is is for a reference. It doesn't affect for system if you change the data on table.

put Form WE/Form W6/Form WelderInfo, colour of related row will be changed.

				Qualificatior
Name(Local)	Date of Birth	Certificate No.	Date of issue	Date of Exar

Retest	Welding P	Tack	Product	Type of W	Base Meta	Thickness	Outer Diameter

Welding P	Detail of \	Exam. Kind	Valid until	months until expire

Form WSubCode

NK Office Code

Company Code

Date of issue

	New Amend Invalid	Abbr. (6 words)	Name(English)
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Name(Local)

"Sub Code" is an optional item.
You can assign "Sub Code" for each welders.
If you need to manage many welders, it may help you.

Remarks(Max. 100 words)

About Sub

0. Make d
If your

1. Make S
Input "N

After yo

2. Change
Input "A

3. Invalid S
Input "I

› Code

ecision whether you manage welder to use "Sub Code".

company has not so many welders, it is useful not to use "Sub Code".

ub Code

New" and input other items.

ou input SubCode, you can assign Sub Code to welder.

items of existing Sub Code.

Amend" and input other iems.

SubCode.

nvalid". The Sub Code is no longer appeared on Form WE and Form W6.

< Return

Information which is registered on database.

	Abbr. (6 words)	Name(English)
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Name(Local)	Remarks(Max. 100 words)