

 Trøndelag høgere yrkesfagskole			Dok.id.: 2.4.4
TH-I02 Instruks for lærere på harmonisert IIW-eksamen			Prosedyre IWT-utdanning
Utgave: 0.01	Skrevet av: Anne Lise Kjelstad	Gjelder fra: 27.03.2024	Godkjent av: Ikke styrt Sidenr: 1 av 12

1. Formål

Instruksen skal sikre korrekt håndtering av IIW's harmoniserte eksamens-oppgaver.

2. Omfang

Instruksen omfatter håndtering av IIW's harmoniserte eksamensoppgaver i IWT-utdanningen ved Chr Thams.

3. Ansvar og myndighet

Fagansvarlig ATB er hovedansvarlig for at denne beskrivelsen blir oppdatert når endringer skjer.

4. Definisjoner

5. Beskrivelse

De internasjonalt harmoniserte eksamensoppgavene for IWT-nivå skal benyttes i løpet av utdanningen. Kandidatens resultat på den harmoniserte eksamen skal ikke påvirke kandidatens totale resultat.

4.1 Innlogging

<http://exams.ewf.be/>

User name: NSF-Local5A

Password: NO-Local5A51

4.2 Generering av oppgaver for deltagerne

Trinn 1



EWI/IIW-IAB PERSONNEL QUALIFICATION SYSTEM
Harmonised exams
UserName: NSF-Local5A

Questions Exams Statistics Maintenance Manual Log-Off HomePage

Exams Management Exams Evaluation Data

Create New Random Exam **Create New Fixed Exam** Create New Random Exam using Fixed Exams

Exams Management
Create New Fixed Exam

Level	Guideline	
IWS - International Welding Specialist	2016	Create New Fixed Exam
IWT - International Welding Technologist	2016	Create New Fixed Exam

Trinn 2



EWF/IIW-IAB PERSONNEL QUALIFICATION SYSTEM
Harmonised exams
UserName: NSF-Local5A

Questions Exams Statistics Maintenance Manual Log-Off HomePage

Exams Management Exams Evaluation Data

Create New Random Exam **Create New Fixed Exam** Create New Random Exam using Fixed Exams

Exams Management
Create New Fixed Exam

Level	Guideline	
IWS - International Welding Specialist	2016	Create New Fixed Exam
IWT - International Welding Technologist	2016	Create New Fixed Exam


Level: IWS - International Welding Specialist (2016)

Module: Part:

Off-line On-line

Create

Trinn 3



EWF/IIW-IAB PERSONNEL QUALIFICATION SYSTEM
Harmonised exams
UserName: NSF-Local5A

Questions Exams Statistics Maintenance Manual Log-Off HomePage

Exams Management Exams Evaluation Data

Create New Random Exam **Create New Fixed Exam** Create New Random Exam using Fixed Exams

Exams Management
Create New Fixed Exam

Level	Guideline	
IWS - International Welding Specialist	2016	Create New Fixed Exam
IWT - International Welding Technologist	2016	Create New Fixed Exam

Level: IWS - International Welding Specialist (2016)

Module: Part:

Exam:

On-line Create

Trinn 4

Questions Exams Statistics Maintenance Manual Log-Off HomePage

Exams Management Exams Evaluation Data

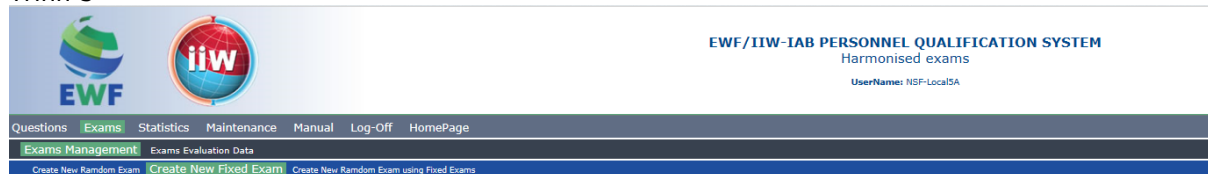
Create New Random Exam **Create New Fixed Exam** Create New Random Exam using Fixed Exams

Exams Management
Create New Fixed Exam

On-line

Level	IWS (Guideline: 2016)	Module	1	Part	1
Duration of the Exam	10:00 minutes	Time allocated to answer each question	1:00 minutes	Total number of questions	10
User	NSF-Local5A	Date	16/10/2018	Time	13:01:50
Send e-mail to	bjoa@trondelagfylke.no	Exam to be taken from	There can't be more than 15 days difference between dates		
Choose available languages	<input type="checkbox"/> standard <input checked="" type="checkbox"/> Norwegian	Extra time to finish	Maximum: 25% of total time (10:00 minutes)		
			<input type="text" value="15"/> / <input type="text" value="10"/> / <input type="text" value="2018"/>	to	<input type="text" value="18"/> / <input type="text" value="10"/> / <input type="text" value="2018"/>
			<input type="text" value="2"/> minutes	Show result at the end of the Exam	Yes <input type="radio"/> No <input type="radio"/>
Students ID Please copy the Students ID (eg: name, ID number, Student number) to the following field. Due to the EU GDPR - 2016/679, student identification has to be done using an identification code (numeric or alpha numeric) and not using his/her name. One Student per line, up to 50 characters per line.					
<input type="text" value="bjoa"/> <input type="text" value="bjob"/>					
Generate New Exam					

Trinn 5



Exams Management
Create New Fixed Exam
On-line

An exam has been generated according to the selected Course, Module and Part.

Its code is: **NO/2018/00002/NSF-Local5A_18831.**

It was sent an e-mail to the address 'bjova@trondelagfylke.no' with all the information regarding this on-line Exam.

Se innholdet fra bilder tatt fra eposter som ble sendt til brukeren som genererte eksamenen, under:

Hentet fra IIW's manual:

From: Italo Fernandes [<mailto:exams@ewf.be>]
Sent: Friday, 27 de June de 2014 14:28
Subject: New online Exam: AD/2014/00033/IJFernandes_7431

New online Exam:
Its code is: AD/2014/00033/IJFernandes_7431
Level: IWE (Guideline: 2011)
Module: 1
Part: 1+3
Exam: A
Duration of the Exam: 30:00 minutes
Time allocated to answer each question: 1:20 minutes

Total number of questions: 23
User: IJFernandes
Date: 27/06/2014
Time: 14:28:06
Exam to be taken from: 27/06/2014 to 02/07/2014
Available languages: Standard English, Flemish, German (Germany)
The Exam results will be sent by email as soon as the last student finishes his Exam, or, if any student misses the Exam, after 02/07/2014
Extra time to finish: 4 minutes
Show result at the end of the Exam: Yes
Supervisor password: FYAY4_KDPP
Code to start the Exam: 6763
Internet link: http://exams.ewf.be/on_line

#	Student ID	Student Exam Code
1	aaa1	7431_4.28
2	aaa2	7431_5.26
3	aaa3	7431_6.24
4	aaa4	7431_7.22

On the e-mail text, after the table above is shown, information about the questions that have not been translated is given in red text. See examples below (on this example the standard English is the user main language).

Questions missing translations:

Standard English: STANDARD ID: 39006 - A flame straightening process on a workpiece is based on:

Standard English: STANDARD ID: 39220 - A conventional diode placed in a circuit allows the passage of current in one direction only. A silicon controlled rectifier (SCR) or thyristor operates slightly differently. How does it work?

Flemish: STANDARD ID: 42159 - The coating of the covered electrode may perform the following tasks:


Flemish: STANDARD ID: 43281 - Which of the following is/are correct for plasma arc cutting?

Flemish: STANDARD ID: 44013 - When using Brazing, the joint has a better mechanical resistance if:

German (Germany): STANDARD ID: 39742 - The energy from a welding power source is used to:

Hentet fra epost sent oss:

Fil Melding Fortell meg hva du vil gjøre

 tir. 16.10.2018 08:55
Email para Exames <exams@ewf.be>
New online Exam: NO/2018/00001/NSF-Local5A_18830

Til

Its code is: NO/2018/00001/NSF-Local5A_18830

Level: IWS (Guideline: 2016)
Module: 1
Part: 1
Exam: A
Duration of the Exam: 10:00 minutes
Time allocated to answer each question: 1:00 minutes
Total number of questions: 10
User: NSF-Local5A
Date: 16/10/2018
Time: 07:55:02

Exam to be taken from: 16/10/2018 to 31/10/2018
Available languages: Norwegian
The Exam results will be sent by email as soon as the last student finishes his Exam, or, if any student misses the Exam, after 31/10/2018
Extra time to finish: 2 minutes
Show result at the end of the Exam: Yes

Supervisor password: [Z3A53SSCT_](#)

Code to start the Exam: 4593

Internet link: http://exams.ewf.be/on_line

#	Student ID	Student Exam Code
1	bjo123	18830_11241.-2

Questions missing translations:

Norwegian: STANDARD ID: 119548 - Which of the following welding processes is using a melting electrode?

Norwegian: STANDARD ID: 119642 - Which fuel gas is most commonly used for oxygas welding?

Norwegian: STANDARD ID: 119729 - Ohm's law is:

Norwegian: STANDARD ID: 119900 - Welding rectifiers produce:

Norwegian: STANDARD ID: 119983 - Which of the following statements is (are) true for gas shielded arc welding?

Norwegian: STANDARD ID: 120112 - In TIG welding the most common material for non-consumable electrode is:



Norwegian: STANDARD ID: 120275 - Output volt-ampere characteristic of a power source for MMA welding should be of:

Norwegian: STANDARD ID: 120901 - Which gases / gas mixtures are not used for MIG welding?

Norwegian: STANDARD ID: 120905 - MIG/MAG welding equipment consists of:

Norwegian: STANDARD ID: 121037 - In FCAW to adjust the welding current one should change:

Trinn 6

EWF/IIW-IAB PERSONNEL QUALIFICATION SYSTEM
Harmonised exams

On-line exams


Select Country | Supervisor password | Confirm | Student Identification | Final verification

Please, choose your country.

Country *

Next Step

Trinn 7

EWF/IIW-IAB PERSONNEL QUALIFICATION SYSTEM
Harmonised exams

On-line exams

Select Country | **Supervisor password** | Confirm | Student Identification | Final verification

Country: Norway

MAIN Language: Norwegian

Supervisor password *

Next Step

Trinn 8



EFW/IIW-IAB PERSONNEL QUALIFICATION SYSTEM
Harmonised exams
On-line exams

Select Country | Supervisor password | **Confirm** | Student Identification | Final verification Manual

Country: Norway
MAIN Language: Norwegian
Exam B

Level	IWS (Guideline: 2016)	Module	1	Part	1
Code	NO/2018/00003/NSF-Local5A_18839	Duration of the Exam	10 minutes	Exam to be taken from	16/10/2018 to 20/10/2018
Available languages	Norwegian	Extra time to finish	2 minutes	Show result at the end of the Exam	Yes

Questions missing translations: Norwegian

- ID: 119552
- ID: 119646
- ID: 119733
- ID: 119904
- ID: 119987
- ID: 120116
- ID: 120279
- ID: 120909
- ID: 120912
- ID: 121041

Trinn 9



EFW/IIW-IAB PERSONNEL QUALIFICATION SYSTEM
Harmonised exams
On-line exams

Select Country | Supervisor password | Confirm | **Student Identification** | Final verification Manual

Country: Norway
MAIN Language: Norwegian
Exam B

Level	IWS (Guideline: 2016)	Module	1	Part	1
Code	NO/2018/00003/NSF-Local5A_18839	Duration of the Exam	10 minutes	Exam to be taken from	16/10/2018 to 20/10/2018
Available languages	Norwegian	Extra time to finish	2 minutes	Show result at the end of the Exam	Yes

Student Exam Code *

Trinn 10



EFW/IIW-IAB PERSONNEL QUALIFICATION SYSTEM
Harmonised exams
On-line exams

Select Country | Supervisor password | Confirm | Student Identification | **Final verification** Manual

Country: Norway
MAIN Language: Norwegian
Exam B

Level	IWS (Guideline: 2016)	Module	1	Part	1
Code	NO/2018/00003/NSF-Local5A_18839	Duration of the Exam	10 minutes	Exam to be taken from	16/10/2018 to 20/10/2018
Available languages	Norwegian	Extra time to finish	2 minutes	Show result at the end of the Exam	Yes

Student ID Code: Student Exam Code: 18839-11049-0

Next Steps to be completed by the Student.

Disse popper opp for at du skal stenge foregående vindu:

✕

Dette nettstedet sier ...


Please, close the previous window.

✕

Microsoft Edge

Nettstedet du er på, prøver å lukke denne fanen. Vil du lukke fanen?

Trinn 11



EWF/IIW-IAB PERSONNEL QUALIFICATION SYSTEM
Harmonised exams

On-line exams


Exam B

Level	IWS (Guideline: 2016)	Module	1	Part	1
Duration of the Exam	10 minutes	Student ID Code	bjoa	Exam to be taken from	16/10/2018 to 20/10/2018

Student Exam Code:

Language: Norwegian

Trinn 12



EWF/IIW-IAB PERSONNEL QUALIFICATION SYSTEM
Harmonised exams

On-line exams

Exam B

Level	IWS (Guideline: 2016)	Module	1	Part	1
Duration of the Exam	10 minutes	Student ID Code	bjoa	Exam to be taken from	16/10/2018 to 20/10/2018

i) Before starting the examination please read carefully the below information.
 ii) For this multiple choice written examination, for any question the correct answer it is always only One (1) answer.
 iii) In terms of exam scoring all questions has the same scoring value.
 iv) Wrong answer marked in a certain question will not deduct a correct answer in another question.


Note: please do not "Refresh" the Exam page. Using any "Refresh" option WILL TAKE UP Exam time.

As a simulation for the real Exam, please answer the following example Question. Make sure to pick the right answer to have access to the next step.

Question 1/1 What is your Student ID? (Please see data in the first table above)	
<input type="radio"/>	1 bjoa
<input type="radio"/>	2 Norway
<input type="radio"/>	3 10 + 2 = 5
<input type="radio"/>	4 11249

I have read, understood and accept the rules as explained above.

Trinn 13



EWF/IIW-IAB PERSONNEL QUALIFICATION SYSTEM
Harmonised exams

On-line exams



Exam B

Level	IWS (Guideline: 2016)	Module	1	Part	1
Duration of the Exam	10 minutes	Student ID Code	bjoa	Exam to be taken from	16/10/2018 to 20/10/2018

The time limit for this Exam is: 12 minutes.
 To ensure that you keep to this time limit, a clock will be visible through out the Exam.
 Reminders are set at 10 and 2 minutes from the end.
 When the time is up, your answers will automatically be saved, assessed and a mark will be given.

Please fill in the Code to start the Exam which will be given by the supervisor when everybody is ready.

Trinn 14

				EWF/IIW-IAB PERSONNEL QUALIFICATION SYSTEM Harmonised exams On-line exams	
Exam B					
Level	IWE (Guideline: 2016)	Module	1	Part	1
Duration of the Exam	10 minutes	Student ID Code	bja	Exam to be taken from	16/10/2018 to 20/10/2018

The time limit for this Exam is: 12 minutes.
To ensure that you keep to this time limit, a clock will be visible throughout the Exam.
Reminders are set at 10 and 2 minutes from the end.
When the time is up, your answers will automatically be saved, assessed and a mark will be given.

Please fill in the Code to start the Exam which will be given by the supervisor when everybody is ready.

[Next step](#)

4.3 Start eksamen

Etter å ha mottatt e-posten, skal brukeren videresende den til on-line eksamens tilsynsmann, som er ansvarlig for å forberede datamaskiner som vil bli brukt til å utføre eksamen.

Først etter at tilsynsmann forbereder hver datamaskin er det mulig å gi studentene tillatelse til å starte eksamen. Studenten vil godkjenne eksamenen, vente på at startkoden skal deles ut og deretter starte eksamen på nettet.

Tilsynsmannens aktiviteter for å starte eksamen

For hver elev (dette betyr også for hver datamaskin som skal brukes på online eksamen) som skal utføre den elektroniske eksamenen, må tilsynsmann utføre et sett med oppgaver som skal være forklart nedenfor.

Først må tilsynsmann motta e-posten fra brukeren som er generert for on-line eksamen. Med e-postinnholdet kan tilsynsmann forberede hver datamaskin til eksamen.

Se e-postinnholdet nedenfor:

From: Italo Fernandes <exams@ewf.be> Sent: qua 25-06-2014
To:
Cc:
Subject: New online Exam: AD/2014/00032/IJFernandes_7406

New online Exam:

Its code is: AD/2014/00032/IJFernandes_7406

Level: IWE (Guideline: 2011)

Module: 1

Part: 1+3

Exam: A

Duration of the Exam: 30:00 minutes

Time allocated to answer each question: 1:20 minutes

Total number of questions: 23

User: IJFernandes

Date: 25/06/2014

Time: 00:15:54

Exam to be taken from: 25/06/2014 to 27/06/2014

Available languages: Flemish

The Exam results will be sent by email as soon as the last student finishes his Exam, or, if any student misses the Exam, after 27/06/2014

Extra time to finish: 5 minutes

Show result at the end of the Exam: Yes

Supervisor password: ACF#2XZ6KY

Code to start the Exam: 6243

Internet link: http://exams.ewf.be/on_line

#	Student ID	Student Exam Code
1	João Silva	7406_1.18
2	Pedro Sousa	7406_2.16
3	José Carlos	7406_3.14

Tilsynsmannens første oppgave er å logge inn på databasen ved hjelp av linken som er nevnt på e-postadressen (http://exams.ewf.be/on_line), eller få tilgang til internett og skriv inn lenkeadressen.

Student starter eksamen

Etter å ha forberedt alle datamaskiner til eksamen, tilordner tilsynsmannen hver datamaskin til en bestemt student. Når du blir bedt om å gjøre det, må hver student godkjenne sin eksamen. Så snart koden for å starte eksamen er gitt av tilsynsmann, kan studenten starte eksamen. Denne prosessen er beskrevet nedenfor.

Student tilgang: Identifikasjon og språkvalg

Exam A

Level	IWE (Guideline: 2011)	Module	1	Part	1+3
Duration of the Exam	30 minutes	Student ID	Pedro Sousa	Exam to be taken from	25/06/2014 to 27/06/2014

Student Exam Code

Language

Hver student skal skrive inn studenteksamenskoden (det samme som tilsynsmann har brukt), og velge eksamensspråket, når studenten klikker på "Neste trinn", er en ny skjerm åpen, se utskriftsskjerm nedenfor.

Exam A

Level	IWE (Guideline: 2011)	Module	1	Part	1+3
Duration of the Exam	30 minutes	Student ID	Pedro Sousa	Exam to be taken from	25/06/2014 to 27/06/2014

- i) Before starting the examination please read carefully the below information.
ii) For this multiple choice written examination, for any question the correct answer can be: One (1) answer, Two (2) answers, Three (3) answers or Four (4) answers.
iii) In terms of exam scoring all questions has the same scoring value.
iv) When it is marked a wrong answer(s) in a certain question, the wrong answer will deduct a correct answer(s) on the same question.
v) Wrong answer(s) marked in a certain question will not deduct a correct answer(s) in another question.

As a simulation for the real Exam, please answer the following example Question. Make sure to pick the right answer to have access to the next step.

Question 1/2
What is your Student ID (please see data in the table above).

<input type="checkbox"/>	1	Pedro Sousa
<input type="checkbox"/>	2	Andorra
<input type="checkbox"/>	3	$10 + 2 = 5$
<input type="checkbox"/>	4	2

I have read, understood and accept the rules as explained above.

Next Step

Studenten må lese alle instruksjonene nøye.

Det er en spørsmålssimulator som må fylles ut ved å velge riktig svar. Også feltet som indikerer at alle instruksjoner er lest, forstått og akseptert, må kontrolleres.

Nok en gang etter at du har svart på spørsmålet og merker boksen om "Jeg har lest og forstått ... ", må studenten klikke på " Neste trinn ", en ny skjerm er åpen, se utskriftsskjerm nedenfor.

Student tilgang: Kode for å starte eksamen

Exam A

Level	IWE (Guideline: 2011)	Module	1	Part	1+3
Duration of the Exam	30 minutes	Student ID	Pedro Sousa	Exam to be taken from	25/06/2014 to 27/06/2014

The time limit for this Exam is: 35 minutes.

To ensure that you keep to this time limit, a clock will be visible through out the Exam.

Reminders are set at 10 and 2 minutes from the end.

When the time is up, your answers will automatically be saved, assessed and a mark will be given.

Please fill in the Code to start the Exam which will be given by the supervisor when everybody is ready.

Next Step

På denne skjermen må studenten vente på at tilsynsmann gir ut en kode før eksamen starter. Denne koden vil bare bli tilgjengelig når alle studenter er på denne skjermen. Koden for å starte eksamenen presenteres i blått på e-posten som ble sendt ved opprettelse av eksamen. Så snart studenten setter inn denne koden, åpnes en ny skjerm og eksamen er nå tilgjengelig for studenten.

4.4 EKSAMEN restart etter TVUNGET AVSLUTNING

Hvis en student ikke har fullført eksamen pga. at Internett-tilkoblingen har gått tapt, eller hvis feilmeldingen er avsluttet, er det mulig å starte eksamen på nytt.

For å gjøre det, vil det være nødvendig at tilsynsmann utfører trinnene fra pkt. 4 (dvs. fra kapitlet om **Student starter eksamen** og fremover i den internasjonale håndboken On-line Exams). I slike tilfeller blir informasjon om tid som er gått i tidligere tilganger, vist.

Informasjon gitt av databasen til tilsynsmann, når du starter en eksamen:

Student ID	Pedro Sousa	Student Exam Code	7406_2.16
First Login:	27/06/2014 12:26:44	Last recording date:	27/06/2014 12:30:41
Time spent:	00:03:57	Available time:	00:31:03

Informasjon gitt av databasen til studenten når du starter en eksamen:

Level	IWE (Guideline: 2011)	Module	1	Part	1+3
Duration of the Exam	30 minutes	Student ID	Pedro Sousa	Exam to be taken from	25/06/2014 to 27/06/2014
Last recording date:	27/06/2014 12:30:41	Time spent:	00:03:57	Available time:	00:31:03

Alle registrerte svar vil bli brakt tilbake, bortsett fra de som var i gruppen av spørsmål som ble besvart da eksamen ble avbrutt. Eksamenens varighet beregnes på nytt slik at tiden som allerede er brukt av studenten blir tatt bort fra den totale eksamensperioden. Tid brukt i gruppen av spørsmål som ble åpnet når eksamen ble avbrutt, vil ikke bli diskontert.

Referanser

EFW-IAB/IIW PERSONNEL QUALIFICATION SYSTEM APPLICATION MANUAL

- Access Level: Local / ATB (63 sider)
- On-line Exams (18 sider)
- TH-I01_Instruks deltager for IIW basen

Kryssreferanser

[1.2.14](#)

[2.4.3](#)

[2.4.5](#)

[2.4.6](#)

[Kapittel 5. Resultatfase](#)

[TH-I01 Instruks for deltaker på harmonisert IIW-eksamen](#)

[TH-P06 Prosedyre for godkjenning av eksamensoppgaver ved IWT-utdanning.](#)

[TH-P07 Prosedyre for forberedelse og gjennomføring av eksamen ved](#)

2.4.7	IWT-utdanningen.
2.5.1	TH-P15 Prosedyre for behandling av kandidater – ikke bestått
2.5.2	Registrering av karakterer
2.5.4	Behandling av dokumentasjon som karakterutskrifter og vitnemål
	TH-P08 Prosedyre for sensur, eksamensresultater og diplom ved IWT-utdanning.

Eksterne referanser

[DNVGL-ST-0029 Maritime Training Providers \(2017, amended Nov. 2021\)](#)