



# **AWS - CWI Seminar and Exam 2022**

## **- CWEng Seminar 2022**

## **- SCWI Seminar 2022**

### **Contact**

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**“IT IS GOOD TO HAVE EDUCATION, IT IS BETTER TO HAVE EXPERIENCE,  
BUT IT IS ESSENTIAL TO HAVE TRAINING!”**

## About us

Insight Quality Services is a premier institute in the field of Training, Consultancy, Inspection & NDT services.

Established in 1994, IQS is an internationally reputed organization that strives to provide services that exceed the customers' expectations. A wide experience of many years, hands-on working style and a series of added qualifications have been the focus of our team members in training. We are happy to announce that we have just completed 25 years of successful operation.

### **We take pleasure in communicating that we are now an International Agent of AWS!**

Our 25 years of experience in Training was the key factor in getting us this agency. We were already conducting training programs on welding, our own qualification. We were geared up with trainers, samples, instruments and methodology with this previous welding training experience. Becoming an AWS agent has given us a further boost in serving the industry. We are further equipped, since last year, with the help of AWS with all the essentials required for the training and examination. Needless to say, as we have been doing for all our training courses, we will go one step beyond your expectations in your learning experience!

Welding Consultancy and Inspection are two other streams of our organization which keep our faculty in touch with the field and the latest codes, standards and hands-on practices. This enables us to present the latest field experience and case studies for the benefit of the students.

## AWS Certified Welding Inspector Program

Welding is the most important joining process. The integrity of any product depends on the weld quality. Welding inspection is of utmost importance, and a certified welding inspector is the right person to carry out this inspection. Being rightly methodic, the AWS welding inspector program contributes largely in making you a knowledgeable and expert welding inspector. The industry is looking for not just certification, but expertise in your work. This program hones your skills to a degree required by the demanding market, and opens up new avenues for you.

The course is designed to cover all the requirements for becoming a knowledgeable and competent welding inspector.

**Course objectives** - AWS (American Welding Society), the leading authority in the field of welding inspection, has demonstrated their commitment to bring industry the best and most reliable educational certification programs tailored specifically for various circumstances and needs for the job. The scheme focusses on making the candidate gain knowledge on topics of Welding Metallurgy, Welding Symbols & Geometry, Welding Imperfections, Welding & Cutting Processes, Visual Inspection and application of various codes. The course focusses on making the candidate a knowledgeable and expert welding inspector.

## Who should attend -

Welding Foremen	Site Inspectors
QA/QC Inspectors	Site In charge
Engineers and Supervisors	Erection Engineers
Production Engineers	NDT Professionals
Experienced Welders	Construction Engineers

**Takeaway – Full training material as per the requirement of the course.**

## Exam Pattern for AWS / CWI\*

Examination	Number of Question	Duration	Min % to pass	Pattern
Part A - Fundamentals	150	2 hrs	72%	Closed Book Online Prometric Exam
Part B – Practical	150	2 hrs	72%	Closed Book Paper Exam at IQS
Part C – Code Book	150	2 hrs	72%	Open Book Online Prometric Exam**

\* - As per QC1:2016. Actual pattern may differ.

\*\* - At the time of open book Exam, the options are to use the digital copy on the Prometric computer, or to bring a hard copy of the code to the Prometric Test Center.

## Eligibility:

MINIMUM EDUCATION	MINIMUM WORK EXPERIENCE
Bachelor or higher degree in welding engineering welding technology - 4 years maximum substitution	Minimum of 1 year welding based work experience
Associate or higher degree in welding or non-welding related engineering technology, engineering, or a physical science - 3 years maximum substitution	Minimum of 2 years welding based work experience
Engineering/Technical courses that can be applied to Bachelor or higher degree in Welding - 2 years maximum substitution	Minimum of 3 years welding based work experience
Trade/Vocational courses - 1 year maximum substitution for successfully completed courses	Minimum of 4 years welding based work experience
High school diploma or approved high school equivalency diploma	Minimum of 5 years welding based work experience
8th grade level of schooling	Minimum of 9 years welding based work experience
Less than 8th grade	Minimum of 12 years welding based work experience

## Seminar Pattern:

The seminar will be of 8 days.

**Part A :** Fundamentals will be covered in 3.5 days.

Here, we will be covering AWS QC1:2016, Duties and Responsibilities, Safety, Metallurgy (Carbon and low-alloy steel), Welding & cutting Processes, Brazing, Soldering, Symbols – Welding and NDE, Documentation, Matric practices, Welding Inspection, Welding Discontinuities, Heat Control & Weld Examination, Visual inspection and other NDE methods, Welding procedure & Performance.

**Part B:** Practical applications will be covered in 2.5 days. We will cover Workmanship Requirements and Visual Inspection Acceptance Criteria – Structural Steel, Pipeline, Pressure Piping, Procedure Qualification Requirements, Performance Qualification Requirements. You will be handling, under expert guidance, tools, gauges and instruments from the kits approved by AWS. The specimens / samples / replicas will be those purchased from AWS. You will be learning the inspection methodology and application of the acceptance / rejection criteria on these specimens / samples / replicas.

**Part C:** The next 2 days will be invested in learning the required codes. This is Part C of the examination. Generally, we cover API 1104 code for Part C (other codes will be covered as per the candidate's requirement). In API 1104, we will be covering PQR, Materials and Design, Fabrication, Inspection and Qualification. The other codes that will be covered based on requirement, are AWS D1.1 Structural Steel, AWS D1.2 Structural Aluminium, AWS D1.5 Bridge Welding, AWS D15.1 Railroad, AWS D17.1 Aerospace, ASME Pressure Vessel Section VIII, Div. 1 and Section IX, ASME Pressure Piping B31.1 and B31.3, and Pressure Vessel Section IX, AWS Structural Bolting Inspection.

# **AWS - CWI SEMINAR CLASSROOM TRAINING**

## **SCHEDULE**

### **January 2022**

<b>CWI Seminar</b>	03rd to 12th Jan 2022	Please contact us for Fees	Pune
<b>CWI Part (B) Practical Exam</b>	13th Jan 2021		

### **February 2022**

<b>CWI Seminar</b>	31st Jan to 9th Feb 2022	Please contact us for Fees	Mumbai
<b>CWI Part (B) Practical Exam</b>	10th Feb 2022		

### **March 2022**

<b>CWI Seminar</b>	21st to 30th March 2022	Please contact us for Fees	Gujarat
<b>CWI Part (B) Practical Exam</b>	31st March 2022		

### **April 2022**

<b>CWI Seminar</b>	4th to 13th April 2022	Please contact us for Fees	Mumbai
<b>CWI Part (B) Practical Exam</b>	14th April 2022		

# **AWS - CWI SEMINAR CLASSROOM TRAINING**

## **SCHEDULE**

### **May 2022**

<b>CWI Seminar</b>	3rd to 12th May 2022	Please contact us for Fees	Pune
<b>CWI Part (B) Practical Exam</b>	13th May 2022		

### **June 2022**

<b>CWI Seminar</b>	20th to 28th June 2022	Please contact us for Fees	Gujarat
<b>CWI Part (B) Practical Exam</b>	29th June 2022		

### **July 2022**

<b>CWI Seminar</b>	4th to 13th July 2022	Please contact us for Fees	Mumbai
<b>CWI Part (B) Practical Exam</b>	14th July 2022		

### **August 2022**

<b>CWI Seminar</b>	8th to 18th Aug 2022	Please contact us for Fees	Pune
<b>CWI Part (B) Practical Exam</b>	19th Aug 2022		

# **AWS - CWI SEMINAR CLASSROOM TRAINING**

## **SCHEDULE**

### **September 2022**

<b>CWI Seminar</b>	5th to 14th Sept 2022	Please contact us for Fees	Gujarat
<b>CWI Part (B) Practical Exam</b>	15th Sept 2022		

### **October 2022**

<b>CWI Seminar</b>	3rd to 13th Oct 2022	Please contact us for Fees	Mumbai
<b>CWI Part (B) Practical Exam</b>	14th Oct 2022		

### **November 2022**

<b>CWI Seminar</b>	7th to 16th Nov 2022	Please contact us for Fees	Pune
<b>CWI Part (B) Practical Exam</b>	17th Nov 2022		

### **December 2022**

<b>CWI Seminar</b>	12th to 21st Dec 2022	Please contact us for Fees	Gujarat
<b>CWI Part (B) Practical Exam</b>	22nd Dec 2022		

# **AWS - CWEng PREPARATORY CLASSROOM TRAINING**

## **SCHEDULE**

**May 2022**

<b>CWEng Seminar</b>	5th to 14th Sept 2022 <b>(Part 1 &amp; Part 2)</b>	Please contact us for Fees	Pune
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**June 2022**

<b>CWEng Seminar</b>	1st to 10th June 2022 <b>(Part 1 &amp; Part 2)</b>	Please contact us for Fees	Pune
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**November 2022**

<b>CWEng Seminar</b>	17th to 27th Nov 2022 <b>(Part 3 &amp; Part 4)</b>	Please contact us for Fees	Pune
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**December 2022**

<b>CWEng Seminar</b>	17th to 27th Dec 2022 <b>Part 3 &amp; Part 4</b>	Please contact us for Fees	Pune
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**AWS - CWI 9th YEAR RECERTIFICATION**  
**PREPARATORY CLASSROOM TRAINING SCHEDULE**

**February 2022**

<b>CWI 9th Year Recertification</b>	1st to 11th Feb 2022	Please contact us for Fees	Pune
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**May 2022**

<b>CWI 9th Year Recertification</b>	16th to 26th May 2022	Please contact us for Fees	Pune
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**September 2022**

<b>CWI 9th Year Recertification</b>	19th to 29th Sept 2022	Please contact us for Fees	Pune
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# **AWS - SCWI PREPARATORY CLASSROOM TRAINING**

## **SCHEDULE**

**March 2022**

<b>SCWI Seminar</b>	7th to 16th March 2022	Please contact us for Fees	Pune
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**June 2022**

<b>SCWI Seminar</b>	1st to 10th June 2022	Please contact us for Fees	Pune
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**November 2022**

<b>SCWI Seminar</b>	17th to 27th Nov 2022	Please contact us for Fees	Pune
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## **Our Team of Faculties:**

### **Mr. Diwakar D. Joshi**



- B.E (Mechanical)
- More than 45 years of experience in Engineering Industry
- ASNT Level III (RT, PT, UT, MT, ET, LT, VT) – Certificate No. 60893
- RWTUV Certified Level III (RT,PT,UT,MT)
- ACCP Level III (RT,UT,PT,MT,VT)
- Senior Certified Welding Inspector (AWS)
- ISO 9000 Lead Assessor
- API 510 Pressure Vessel Inspector
- API 653 Aboveground storage Tank Inspector
- API 570 Authorized Piping Inspector
- API 571, API 580 and API 577 Authorized Inspector
- API 936 Refractory Practitioner
- API TES Tank Entry Supervisor
- API Source Inspector Fixed Equipment (SIFE)

### **Mr. Amit Deshpande**



- Diploma (Metallurgy)
- More than 23 years of experience in Engineering Industry
- IWT Diploma
- SCWI (AWS) Certificate No. 05061481
- ASNT (UT, MT, RT, VT, PT) Level III Certificate No. 149610
- API 510 Pressure Vessel Inspector
- API 570 Piping Inspector
- API 653 Aboveground Storage Tank Inspector
- API 580 Authorized Inspector
- API Source Inspector Fixed Equipment (SIFE)
- (MT, UT, RT, PT) Level 2 as Per EN 473



**Mr. Aditya Bhagwat**

- B.E (Mechanical)
- More than 9 years of experience in Engineering Industry
- API 510 Pressure Vessel Inspector
- API 570 Piping Inspector
- ASNT Level III (MT, PT, RT, UT, VT) Certificate No. 222033
- CWI (AWS) Certificate No. 15022571
- CSWIP 3.1 Certified welding Inspector



**Mr. Vaibhav Gogawale**

- B E Mechanical
- More than 9 years of experience
- CWI (AWS)
- CSWIP 3.1 Certified Welding Inspector
- ISO 9001: 2015 Lead Auditor
- ISO 14001: 2015 Lead Auditor
- NDE Level II (PT, VT, MT, RT)
- ISO 9712 VT Level 2



**Mrs. Mugdha Joshi - Kale**

- B.E (E. & T.C)
- CWI (AWS) Certificate No. 19092761
- More than 10 years of experience in Engineering Industry
- ASNT Level III (PT, MT, RT, UT, VT, LT, ET) Certificate No.216658
- API 510 Pressure Vessel Inspector