

Certification Course for Structural Steel Supervisor (StS) – 48th Intake

Date: 18 March to 8 May 2024

*Venue: Singapore Management University,
(Physical classes + Physical Exam)*



Course Overview

The course offers a continuing education and training programme for engineers and technicians who are involved in planning, executing or supervising the fabrication and erection of specialist structural steelworks to qualify as certified structural steel supervisors (StS). The course is specially tailored for technical personnel working in the steel fabrication yards and on construction sites. Developers and design office personnel who aspire to acquire specialized knowledge in structural steelwork planning, design, specification, procurement, fabrication and erection would also find the course very useful.

- This is a taught course that emphasizes the practical and safety aspects of structural steel construction. The course will train and certify suitably qualified Structural Steel Supervisors to complement the current Steel Fabricators Accreditation Scheme administered by SSSS. The course will also upgrade site supervisors such as Resident Engineers and Clerks-of-Works currently registered with the Building and Construction Authority with the StS Qualification.

Course Objectives:

- Enhance safety, quality and technical know-how in structural steel construction;
- Keep abreast of evolving procedures and standards;
- Provide continuing professional development to support mandatory registration for practising certificates for all qualified Structural Steel Supervisors;

Who should attend:

The training course is open to all participants.

Requirements to attain StS Practising Certificate:

Participants who meet the following requirements will attain the StS Practising Certificate upon completion of the course and passing of the written exam:

- O Level / N Level / ITE + 5 years' working experience in the steel industry; or
- Engineers or Technicians possessing a Degree/Diploma in Civil/Structural, Building, Mechanical/Marine/Aeronautical engineering or National Certification Course on Supervision (NCCS) / National Building Qualification (NBQ) Level 3.

These entry requirements would satisfy the current Human Resource Criteria of the SSSS Steel Fabricators Accreditation Scheme.

Who else should attend:

This course is also recommended for practising Architects, Structural Engineers, and M&E Engineers, contractors, specialist sub-contractors and suppliers who will find it useful and relevant to their trades. Developers wishing to benefit from utilizing structural steel in their projects will find this course exceptionally focused and informative.

The course attracts 30 PDUs for C&S Professional Engineers, subject to PEB approval.

Course Duration and Certificate:

This training course comprises 33 hours of evening lectures. Participants must achieve at least 75% attendance to sit for examination. Those who pass the written examination will be issued the course certificates and practising certificates, and will be eligible for registration as qualified Structural Steel Supervisors with the Singapore Structural Steel Society.

Bi-Yearly Registration & Continue Education:

The practising certificate is valid for a period of two years.

Every Structural Steel Supervisor who wishes to renew his bi-yearly practising certificate must obtain at least 15 credit points or 15 'contact hours' through a continuing education program tailored to their bi-yearly registration and practice.

Singapore Structural Steel Society

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CERTIFICATE COURSE FOR STRUCTURAL STEEL SUPERVISORS (StS) - 48th RUN- EUROCODE

Course: 18th March 2024 (Monday) – 8th May 2024 (Wednesday)

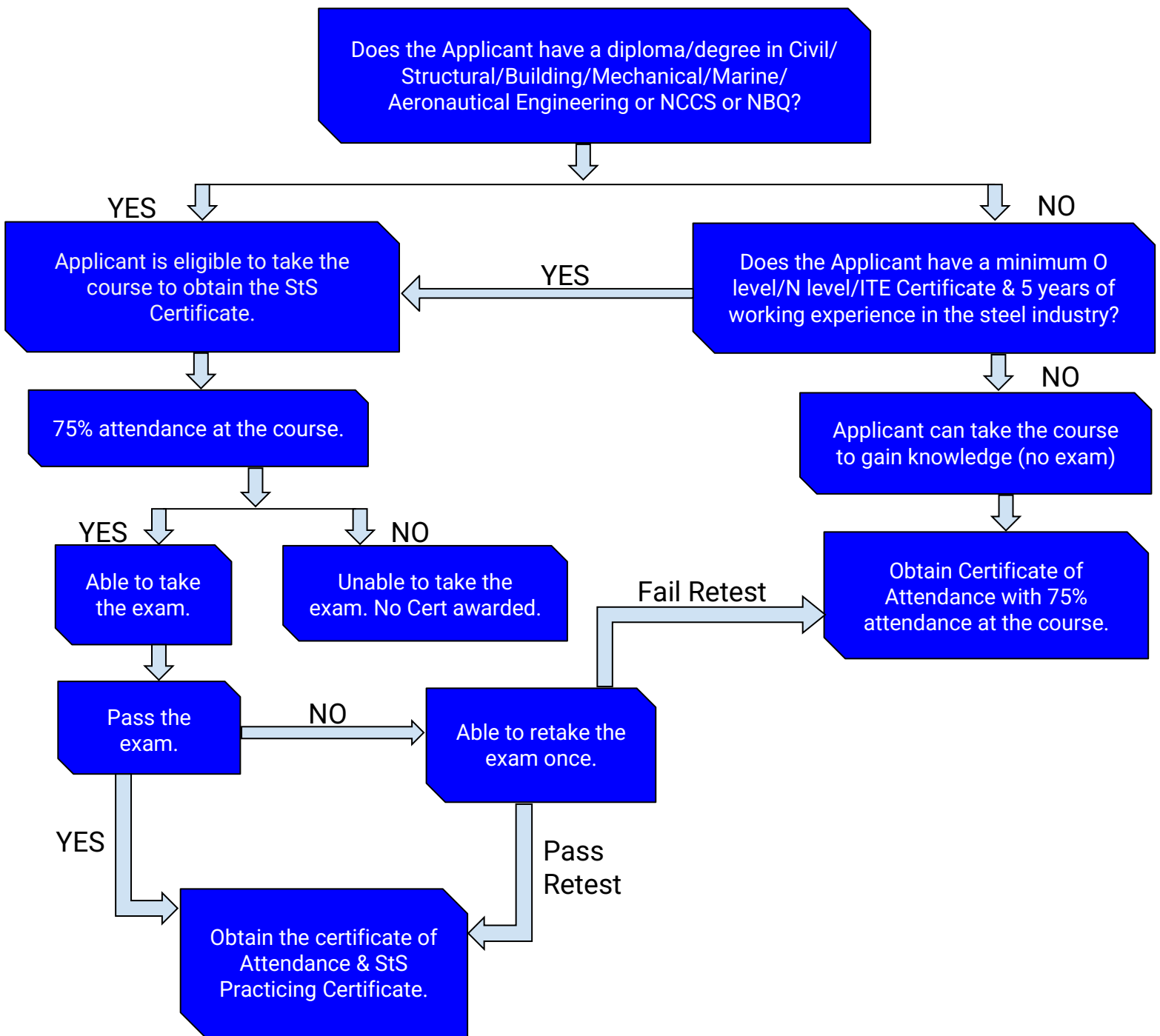
Course Duration: 33 hours

Venue: Singapore Management University, various locations

Lesson No	Dates (Day)	Time	Topics	Lecturer
1	18-Mar-24 (Monday)	7.00pm - 10.00pm	Steel Construction - Introduction	Er. Ho Wan Boon
2	20-Mar-24 (Wednesday)	7.00pm - 10.00pm	Steel Material, Specs and Quality	Er. Ho Wan Boon
3	21-Mar-24 (Thursday)	7.00pm - 10.00pm	Tubular Steel Construction	Dr. Zhao Ou
4	26-Mar-24 (Tuesday)	7.00pm - 10.00pm	Steel Fabrication, Erection & Structural Bolts	Dr. Ng Yiaw Heong
5	1-Apr-24 (Monday)	7.00pm - 10.00pm	Welding Part 1	Mr. Sze Thiam Siong
6	4-Apr-24 (Thursday)	7.00pm - 10.00pm	Welding Part 2	Mr. Sze Thiam Siong
7	8-Apr-24 (Monday)	7.00pm - 10.00pm	Visual Inspection of Welds	Mr. Sze Thiam Siong
8	11-Apr-24 (Thursday)	7.00pm - 10.00pm	Light Gauge Steel - Introduction	Mr. Tay Yak Hong
9	18-Apr-24 (Thursday)	7.00pm - 8.00pm	Intumescent Fire Protection	Mr. Sim Kian Eng
		8.00pm - 10.00pm	Fire Protection for Steel Structure	Mr. Tay Yak Hong
10	22-Apr-24 (Monday)	7.00pm - 10.00pm	Safety & Healthy in Fabrication and erection of steel structures	Mr Jason Oh
11	26-Apr-24 (Friday)	7.00pm - 10.00pm	Structural Anchor Bolts and Basic Bracing of Roof Trusses	Dr. Ng Yiaw Heong
Exam	8-May-24 (Wednesday)	7.00pm - 8.30pm	Examination	NA

Note: The above programme is subject to change. Course Secretary will inform you via email if there are any changes.

StS Course Flowchart



**NCCS- National Construction
Certificate in Supervision
NBQ- National Building Qualification**