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*Ingenuity for life*

# Power Generation Services

Siemens Power Academy – K-T2N-EAS  
SPPA-T2000 Basic Course for Automation System  
AS 620 B

## Brief Description

The participants will learn the principle of operation of SPPA-T2000 and the design, generation and loading of basic applications of the AS 620 B. The participant will practice to use the standard documentation to solve the exercise tasks. Additionally the course will pass on the special knowledge and abilities required for initial commissioning and error diagnosis on the AS 620 B.

## Target Group

SPPA-T2000 process control system users engaged in AS 620 B automation system engineering.

## Prerequisites

Experience in handling power plant automation structures and identification systems.

## Contents

System summary SPPA-T2000

Basic knowledge and engineering of the AS 620 B

Engineering of function diagrams with tec4function-Editor

Generation and transfer of tec4function diagrams to the target system ES 680

Engineering system ES 680:

- FUP - Editor to design HW-diagrams (topology and disposition)
- Code generation of diagrams
- Code-transfer (via ES-S7-server) to the AS 620 (offline und online)
- Dynamisation of diagrams, fast parameter change

Configuration of typical applications:

- Motor, actuator and control drive
- Analogue and binary sensor processing
- Practical exercises on config tool including verification of generated code on an AS 620 B

## Course Details

**Size:** Max 10 participants

**Language:** English or German

**Duration of course:** 5 days

**Location of course:** Siemens Training Offices / Customer Site

**Dates:** Upon consultation

### Contact:

PSCD Training Centre  
Siemens Ltd. Australia

Power Generation Services  
Controls & Digitalisation  
ppatraining.au@siemens.com