

General Specifications

PRM Engineering



GS 33J90K10-01EN

[Release 6]

■ OVERVIEW

The Plant Resource Manager (hereinafter called PRM) for the fieldbus era efficiently handles field device management and maintenance work. This General Specifications (GS) describes Yokogawa Electric's engineering work to introduce PRM into the CENTUM VP system.

■ PRM ENGINEERING ITEMS

The following table describes the PRM engineering items.

Engineering Phase	Item	Classification
Consulting	Outline consultation	Optional
	Introductory consultation	Optional
Function design	Functional specification documentation	Essential
Function generation	Setup	Essential
Factory acceptance test	Unit test	Optional
	Combination test	Optional
Start-up	Device registration for PRM database	Optional

Note: If the classification indicated is "Essential", the corresponding item should be conducted without fail.
If the classification is "Optional", it should be conducted according to customers' needs.

■ ENGINEERING WORK

● Consulting

Outline Consultation

In the outline consultation, we explain the functions and operations of PRM and do consulting for customers who are first-time users of PRM.

Introductory Consultation

In the introductory consultation, we explain the functions and operations of PRM and do consulting for customers who are going to independently install and set-up PRM.

● Function Design

Function Specification Documentation

In the function specification documentation we give the specifications for the following:

- Hardware configuration and package installation PCs
- Device path definition
- Message acquisition source (HIS) definition

● Function Generation

Set-up

In function generation, we install Windows and the PRM package in the customer's PC at the Yokogawa headquarters factory.

We also define device paths and the message acquisition source (HIS), according to the hardware and functional specifications.

● Factory Acceptance Test

Unit Test

In the unit test, we test PRM package unit operation at the Yokogawa headquarters factory with the customer in attendance.

Combination Test

In the combination test, we test the combination of the PRM package with DCS and Fieldbus devices at the Yokogawa headquarters factory with the customer in attendance.

● Start-up

Device Registration Into the PRM Database

We register the field devices into the PRM database on site.

Note: The details and scope of the engineering work mentioned herein will be determined after making arrangements with the customers.

■ REFERENCE

GS 43C01B01-10E FOUNDATION Fieldbus Engineering

■ TRADEMARKS

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