

TITLE OF INVENTION:

FLANGE TIGHTENING MANAGEMENT METHOD, FLANGE TIGHTENING MANAGEMENT
SYSTEM, FLANGE TIGHTENING MANAGEMENT PROGRAM, AND FLANGE TIGHTENING
MANAGEMENT DEVICE

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ABSTRACT

From selection up to execution, gaskets and tightening
conditions are consistently managed in association with flanges,
to thereby achieve highly reliable flange tightening management
and relieve the worker's burden.

A computer (6) is used for tightening management of flanges
(10), to acquire tightening condition information associated with
the flanges, acquire flange information from a first information
tag (flange tag 30) on the flange side, acquires gasket information
from a second information tag (gasket tag 32) on the gasket side,
collates gasket information contained in the flange information
with the gasket information acquired from the second information
tag, selects a tightening condition from the tightening condition
information on condition that the gasket fits with the flanges,
and acquires on-tightening or post-tightening tightening
information, to evaluate whether tightening conforms to the
tightening condition.

Fig. 1

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