

**FLANGE FASTENING MANAGING METHOD, FASTENING MANAGING SYSTEM,
FASTENING MANAGING PROGRAM, AND FASTENING MANAGING DEVICE**

ABSTRACT

5 The present invention consistently manages gaskets and
fastening conditions from selection to execution by associating
them to flanges, to thereby achieve high reliable flange fastening
management and reducing the worker's burden. According to the
present invention, in a flange fastening managing method, a computer
10 (controller 6) as well as a fastening tool (4) are used. The
fastening tool fastens flanges with a gasket (14) by a plurality
of bolts and nuts. The gasket is sandwiched between the flanges.
The method comprises the steps of acquiring fastening condition
information associated with the flanges (12); acquiring gasket
15 information conforming to the flanges; collating the gasket
information with gasket information acquired from the gasket, to
determine whether the gasket fits the flanges; and applying a
fastening torque from the fastening tool to the bolts or the nuts
under a fastening condition acquired from the fastening condition
20 information when the gasket selected fits the flanges.

Fig. 1