

METHOD FOR MANAGING SEAL HANDLING, DEVICE FOR MANAGING SEAL
HANDLING, PROGRAM FOR MANAGING SEAL HANDLING, AND SYSTEM FOR
MANAGING SEAL HANDLING

5

ABSTRACT

In a method for managing seal handling, a plurality of
tightening points is set on flanges (10-1 and 10-2)
10 sandwiching a gasket (12) and each of the tightening points is
provided with a bolt (6) and a nut (8) to perform tightening.
The method can achieve flange connection with high tightening
accuracy, by steps of tightening the bolt and the nut with a
tightening tool (14) to which a first tightening torque value
15 (T1) is set, detecting axial force of the bolt, calculating or
selecting a torque coefficient (k2) of the bolt by use of the
detected axial force, and setting, for each of the tightening
points on the bolt, a second tightening torque value (T2)
calculated or selected by use of the torque coefficient to the
20 tightening tool.

Fig. 1