

ABSTRACT

**SHAPE EVALUATION METHOD, SHAPE EVALUATION DEVICE,
MECHANICAL JOINT EVALUATION METHOD, MECHANICAL JOINT
MEASUREMENT SYSTEM, MEASUREMENT TERMINAL, MECHANICAL JOINT
5 MANUFACTURING METHOD, AND MECHANICAL JOINT QUALITY CONTROL
METHOD**

To more facilitate confirmation of joining in a
mechanical joint regardless of a state of the mechanical
10 joint or a pipe connected to the mechanical joint. A shape
evaluation method, the method analyzing, for a set of a
mechanical joint including a male joint and a female joint
corresponding to the male joint, an interference level
between a recess and protrusion portion of the male joint
15 and a recess and protrusion portion of the female joint,
the method includes a joining completion state setting step
of setting a joining completion state in which joining of
the male joint and the female joint is completed, based on
data about the recess and protrusion shape of each of the
20 male joint and the female joint; and an interference
analysis step of analyzing an interference level between
the recess and protrusion portion of the male joint and the
recess and protrusion portion of the female joint
corresponding to the recess and protrusion portion of the
25 male joint, in the joining completion state.

[FIG. 6]