Length/2021/1202 J00711/L0168
Description There are sixteen cylindrical tube samples manufactured by We Can Precision Engineering Ltd. using a
Identification Each tube is stamped on one end with a number from 1 to 16.
Client We Can Precision Engineering Ltd, 303 Wilson Road, Hastings 4120.
Dates of Calibration 23 April 2021 to 5 May 2021.
Conditions Ambient temperature was maintained within ± 1 of 20.
Method Measurements of the total run out and coaxiality of the inner and outer cylindrical surfaces of the tubes we
Total run-out is defined for a cylindrical surface with respect to a datum axis. It is defined as the radial separation
Coaxiality is determined form the greater of double the distances between the axis of the inner cylinder and the axi
Results The measured total run-out of each surface with respect to the axis of the other is given in Table 1. The m

Uncertainty The expanded uncertainty for the measured total run-out is $2.0 \mu m$. The expanded uncertainty for the
Note:
E F Howick C M Young
T J Stewart