

JOURNAL OF PLASMA AND FUSION RESEARCH

The Journal of the Japan Society of Plasma Science and Nuclear Fusion Research

Vol. 93, No.1, January 2017

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Cover

The Gerdien condenser inner electrodes exhibit varied surface condition after 180 minutes exposure to ambient air. The picture shows the results for (a) aluminum, (b) copper, and (c) nickel. Although copper demonstrates the most noticeable surface change, aluminum and nickel also displayed altered surfaces visible to the naked eyes. It is presumed that the adsorbates that have developed on the electrodes are naturally occurring oxide layers on exposed metal surface but with patterns relevant to ion collection and exposure to atmospheric pressure plasma. (Ma Camille C. LACDAN and Motoi WADA, Plasma and Fusion Research, Vol.11, 1401121 (2016) <http://www.jspf.or.jp/>)