

DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

METHOD OF REMOVAL OF HARD-WATER SCALE
FROM U.S. ARMY KITCHEN EQUIPMENT

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SECTION I

INTRODUCTION

1. Purpose and Scope. This bulletin prescribes the procedures recommended for removal of accumulated hard water scale from coffee urns, Bains-marie, and dishwashers which are approved for use within the Department of the Army. The procedures prescribed herein are supplementary to the preventive maintenance services performed by the using unit.

2. Use. This bulletin is to be used as a guide by qualified maintenance personnel in cleaning accumulated hard-water scale from U.S. Army kitchen equipment. The initial cleaning of heavily encrusted scale from the water compartment of military type coffee urns is beyond the capabilities of organizational maintenance due to the difficulty in removing frozen cleanout plugs, clogged drains, and frozen valves. The

variety of tools and skills needed makes it impractical for organizational maintenance personnel to attempt difficult repairs. Once the heavy scale deposits have been removed and regular cleaning schedules established, kitchen personnel following this technical bulletin can accomplish the cleaning at the organizational level.

3. Errors, Omissions, and Recommendations. DA Form 2028 (Recommended Changes to Publications) will be used for reporting discrepancies and recommendations for improving this bulletin. This form will be completed by the individual user and forwarded direct to the Commanding General, U.S. Army Mobility Equipment Command, AMSME-MPP, 4300 Goodfellow Blvd., St. Louis. Mo.. 63120.

SECTION II

HARD-WATER SCALE REMOVAL PROCEDURES

4. Coffee Urn Water Compartments. This paragraph includes two methods for removal of hard--water scale from the water compartments of coffee urns by

organizational and direct support maintenance personnel. Method A is to be used by organizational maintenance personnel for the routine removal of scale