## MANUFACTURING A DEVICE FOR TREATMENT OF HEAVY WATER AND SALT WATER USING EVAPORATION TECHNIQUE

## SHAYMAA ABBAS ABDULSADA<sup>1</sup> & HAIDER AQEEL MOHAMMED<sup>2</sup>

<sup>1</sup>College of Engineering, University of Kufa, Kufa, Najaf, Iraq <sup>2</sup>College of Materials Engineering, University of Babylon, Babylon, Iraq

## **ABSTRACT**

The rising problem of water pollution are threatening public life in all its aspects. Where sewage has become increasing day after day and in large quantities is no secret they carry viruses and bacteria a large and growing danger when he received in rivers without treatment. There is also the problem of a salt water from wells and lakes. The aim of this study device innovation to address the heavy water and salt water and transferred to safe water using evaporation technique. Been reached through this innovation to the possibility of heavy water treatment and salt and turn them into water unfit for human consumption, industrial and agricultural terms, the results showed when compared before and after treatment makes a big difference in chemical analysis

KEYWORDS: Water Treatment, Heavy Water, Salt Water, Evaporation Technique