

## METHOD OF PRODUCING ETHYLENE OXIDE AND ETHYLENE GLYCOL

### ABSTRACT

There is provided a method of producing ethylene  
5 oxide and ethylene glycol capable of reducing a  
concentration in discharged water of 1,4-dioxane  
contained generated in a step of producing ethylene  
oxide and ethylene glycol.

A method of producing ethylene oxide and ethylene  
10 glycol includes a predetermined step of producing  
ethylene oxide, and a step of extracting a part of a  
column bottom liquid of an ethylene oxide stripping  
column in the step of producing ethylene oxide and  
supplying the extracted column bottom liquid to a by-  
15 produced ethylene glycol concentration column,  
concentrating ethylene glycol produced as a by-product  
in the step of producing ethylene oxide, and distilling  
and separating 1,4-dioxane produced as a by-product in  
the step of producing ethylene oxide, wherein the by-  
20 produced ethylene glycol concentration column is a  
divided wall distillation column.