

Comparison of the Mercury Contents in Coals with Different Degrees of Carbonization

이용규, 전석호, 박진원, 이태규*
연세대학교
(teddy.lee@yonsei.ac.kr*)

Although there has not been much attention to remove the heavy metal in coals, it has been being concerned to reduce metals while increasing about environment. In special, some heavy metals including mercury have been reported to be emitted when using the coals. In this work, it is a basic source for experiment that removes heavy metals in coals by analyzing and comparing mercury content according to the carbonization of coals.

Coals are classified into anthracite, bituminous, subbituminous and brown coal according to carbonization of coals. The anthracite coal which contains the highest carbonization was revealed the high mercury content and the less carbonization is, the less mercury content is.