

ABSTRACT

A method, device and system for analyzing production environment safety are provided. The method includes: acquiring a plurality of levels of an indication system affecting production environment safety and a production safety indicator of each of the plurality of levels, wherein the plurality of levels at least comprise a lowest level, at least one intermediate level and a highest level; calculating weight values of production safety indicators for the lowest level and the intermediate level by using an analytic hierarchy process; acquiring history data of a production safety indicator of a lowest level for each of a plurality of objects during a predetermined time period; performing a standardization process on the acquired history data of respective production safety indicators based on all history data of the same production safety indicator for the plurality of objects during the predetermined time period; and calculating, according to the history data of the production safety indicators of the lowest levels after the standardization process and the weight values for the production safety indicators of the lowest level and the intermediate level, the production safety indicator for the highest level.

[Fig. 1]