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ASSESSMENT ALGORITHM OF THE PERSONNEL SECURITY BASED ON INDICATOR APPROACH

The article defines the advantages and disadvantages of the indicator approach to personnel security assessment of the enterprise and proposes an algorithm for this process implementation consisting of several stages. The requirements to be met by selected indicators for the assessment of personnel security were specified. For qualitative interpretation of the obtained results, the scale of personnel security conditions was developed; depending on the result indicators value this scale can assign the position of security personnel to one of the categories: stable, normal, satisfactory, crisis, critical.

Keywords: personnel security, lights, indicators, personnel security assessment, threshold value, weighting factor, expert evaluation.

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$$W = \frac{12S}{m^2(n^3 - n) - n} \,,$$ (1)

W —   ; m —   ; n —   ; S —
                        (   ).

$W = 1$ —   ;
$W = 0$ —   .
6.   .
                                                                                                    (
)   .   :

1.   ,   max:

$$_i = \frac{a_i}{a_{ni}} \,.$$ (2)

2.   ,   min:

$$_i = \frac{a_{ni}}{a_i} \,,$$ (3)

x_i —   ; a_i —   ; a_{ni} —
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$$_\Sigma = x_1(c_1) + x_2(c_2) + x_3(c_3) + ... + x_i(c_i)$$ (4)

$_\Sigma$ —   ; x_i —   i-   ; c_i —   i-   .
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