

Life Activity in Safety Modern Laboratory Complex Organize to Achieve

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Annotation: Life activity safety in the field the laboratory development and of improvement objective needs each one a person for constant increased is going man-made factors, different risk - risks level expansion and increase, information flow increase __ and another bi r series negative are factors. These factors person development and his modern the world dangers perception to do readiness increase for life safety in the field laboratory experiences and education content improvement Demand does.

Keywords: Life activity security, danger, international work organization, noise, Artificial illumination.

Introduction:

Workers health storage, production in release injuries and professional illness level decrease problems, socio-economic problems solution to do with organic depends because work conditions and labor protection to do status economy and social of infrastructure development depend International work organization (ILO) labor conditions worthy and safe to be need emphasizes. Safe labor, labor quality and productivity to increase help will give and labor protection to do investments economic work release growth in the form of will be returned. Harmful and Dangerous work release factors under the influence of to health harm to be delivered to the state common gross internal up to 4-5 percent of the product (GDP). Harm brings The above account received without work release in enterprises lighting, safe microclimate optimal temperature, humidity and the air speed, atmosphere pressure, noise level, ventilation, vibration, air contamination level is also control will be done. Security standards strictly compliance to do the employee at work surface coming possible has been risk and from dangers protection to do provides.

Of the world some universities among "Life activity safety" laboratory of work spreading analysis done of this Google search for in the system "by HFX laboratory jobs" request was conducted and of the request initial three page seeing released. As a result the most important experiences found to be:

- Industry in the buildings noise study
- Artificial of lighting efficiency and quality
- Industry of buildings microclimate

This is an experience works of the world a lot is being held in universities.

Search the result account received without, experience through Industry in the buildings noise learning experience seeing released.

Industry in the buildings noise learning

Work purpose noise parameters measure it reduce according to measures efficiency is an assessment. Stand industry of buildings to the sample looks like, of them one work release the pitch, the second while design bureau imitation does.



In industrial buildings noise learning for laboratory installation of the scheme external appearance

The noise the source of the left camera bottom in the part is located being, there factory of the equipment scheme located Right in the camera design of the bureau scheme available, from the set VShV-003 to the stand microphone installed. Cameras light lamps with equipped and the voice devourer box with cover can The lights turn on for transition buttons on the front wall of the booth located On the front wall of the stand two to see window there is Inside front and back on the walls manuals available, they with thirty right and left cameras from each other separate for removable sound impermeable part installed



In the buildings noise learning for laboratory installation of the scheme appearance

Laboratory work during speaker fence sound impermeable body with cover can The noise Create low frequency signal generator for is used. Of the generator appearance in the picture shown



Noise of the generator appearance

Front panel of the generator frequency range choose buttons, frequency smooth in order put button, login voltage smooth in order put for button, four digital frequency indicator, load connect for sockets available. testo 816 sounds level gauge (Fig. 5) a lot directional microphone, amplifier, correction filters, detector and from the indicator consists of of the device work principle microphone by acceptance to be done sound vibrations sound pressure level proportionate to value have has been electricity variable to voltage from scrolling consists of Measured instrument with scale (in dB). Indicator measured voltage shows. Voice level of the gauge common scheme so it is arranged that his features a person to his ear near being his sensitivity perception done of sound frequency and intensity depend. This indicators determination for known one in power a person of the ear amplitude-frequency features simulation doer one how many filters is used.

1. Microphone
2. Enabled / Disabled
3. Display
4. Left button (A)
5. Right button (B)
6. USB connector
7. Hearing tool jack (stereo, 2.5 mm)

816 votes height of the gauge measure range from 30 to 130 dB (A). It is possible was ranges from 30 to 65, from 50 to 85, from 70 to 105 and from 90 to 130 dB(A). Low frequency of signals generator to the stand connected. 63 Hz on the generator frequency 0-0.5 amplitude audio signal is set and another frequency values signal amplitude when set constant to be need. Later, voice pressure level noise gauge using is measured. Then measurement at signal frequencies of 0.125, 0.25, 0.5, 1, 2, 4 and 8 kHz is repeated. Measured values normative values with compared, design of the bureau in order sound pressure level acceptability about conclusion is released. Above described method sound like impermeable from the place when using sound pressure degrees is measured urli of materials made departments. Then, measured values normative values with compared, design of the bureau in order sound pressure level acceptability about conclusion is released. Then sound impermeable of parts efficiency counting will be released.

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