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Ангарск (3955)42-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-42
Белгород (4735)40-23-142
Благовещенск (4162)35-142-07
Брянск (4232)59-03-52
Владивосток (423)249-42-31
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Владимир (4935) 49-43-18
Волгоград (844)278-03-42
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-142

Ижевск (3412)26-03-58
Иваново (4932)77-34-06
Иркутск (395)279-98-46
Казань (843)206-01-42
Калининград (4012)72-03-81
Калуга (4242)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-42
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (4352)50-90-47
Липецк (4742)52-20-81

Киргизия (996)312-96-26-47

Магнитогорск (4219)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-142-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)357-86-73
Ноябрьск (3496)41-32-12
Омск (3812)21-46-40
Орел (4262)44-53-42
Оренбург (4232)37-68-04
Пенза (8412)35-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37

Россия (495)268-04-70

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-142
Самара (846)206-03-16
Саранск (8342)35-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)35-31-93
Симферополь (3652)67-13-56
Смоленск (4212)29-41-42
Сочи (862)242-72-31
Ставрополь (8652)20-65-13
Сыктывкар (8212)42-95-17
Сургут (3462)77-98-42
Тамбов (4752)50-40-97

Казахстан (772)734-952-31

Тверь (4352)63-31-42
Тольятти (8435)63-91-07
Томск (3835)98-41-53
Тула (4272)33-79-87
Тюмень (3452)66-21-18
Улан-Удэ (3012)59-97-51
Ульяновск (8435)24-23-59
Уфа (347)359-42-12
Хабаровск (4212)92-98-04
Чебоксары (8435)42-53-07
Челябинск (421)202-03-61
Череповец (8202)49-02-142
Чита (3035)38-34-83
Якутск (4112)23-90-97
Ярославль (4422)69-52-93

<https://lighthouse.nt-rt.ru> || iet@nt-rt.ru

Система мониторинга LMS Express. Техническое описание



The LMS Express Software allows you to continuously monitor your Cleanroom 24/7. As an excursion occurs, you will be notified immediately to respond to problems as they occur. The software will allow you to integrate as many sensors as you would like.

Simple, Easy to Use, Intuitive

The LMS Express Software is designed to be simple and easy to use. The software has built-in maps, graphs, charts and data tables so that you can easily view the data you have collected.

Validate Your System

Lighthouse is able to offer IQ/OQ Validation Services for the LMS Express Software. Otherwise, we can provide you with self-executable IQ/OQ documents which would allow you to validate the documents on your own. Our Validation Documents are designed to meet the stringent requirements of today's regulations and guidelines.

Turnkey Solutions

Lighthouse is able to provide Turnkey Solutions, from installation and commissioning through validation of a project. This will allow you to have the peace of mind that Lighthouse is able to control the quality of the project from start to finish. Also, this will allow you to have one point of contact for any service or support.

Capability to Monitor Other Environmental Parameters

With the LMS Express Software, you will be able to monitor multiple environmental parameters. All of this data can be integrated into your LMS Express Software. This will allow you to have all of your data centrally located and you can set up alarms based upon these parameters.

The environmental parameters you will be able to monitor will include the following:

Particle Counts | Temp/RH | Differential Pressure | Air Velocity | Door Status | CO2 Levels | Viable Particles | O2 Levels

. Hazard identification

Identify potential hazards that could affect the cleanroom environment. This can include sources of contamination, such as personnel, equipment, materials, utilities, or processes.

. Risk analysis

Analyze each identified hazard's severity, likelihood, and potential consequences to prioritize risks based on their significance.

. Risk evaluation

Evaluate the severity and likelihood of identified risks to identify top threats to the cleanroom environment that demand immediate attention.

. Develop control measures

Develop and apply risk control measures to mitigate or eliminate identified risks, including procedural and engineering controls, personnel training, equipment maintenance, and process enhancements. The objective is to minimize the likelihood and severity of risks.

Documentation and communication

Document the risk assessment process, including identified risks and implemented control measures. Effectively communicate this information to relevant stakeholders, including cleanroom personnel, management, and regulatory authorities.

Monitoring and review

Review ongoing monitoring and evaluation of the implemented risk control measures. Conduct regular risk reassessments to identify new hazards or changes in the cleanroom environment that may necessitate adjustments to the EMS or risk mitigation strategies.

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