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## Burlington Spraybooth Services Limited

### APPLICATION STORIES

#### BURLINGTON SPRAYBOOTH SERVICES LIMITED

Burlington Spraybooth Services Ltd. situated in Surrey, UK, began as a small company offering specialised repair and maintenance of Spraybooths and Crash Repair garage equipment. In the mid nineties the government introduced and enforced additional environmental regulations on automotive spraybooths and in particular paint and dust emissions. Managing Director, Mr. John Went, saw this as an opportunity for further expansion of Burlington Spray Booths. More engineers were employed to implement the new Environmental Protection Act (EPA) as upgrades were required by more and more car repair garages and equipment was updated and modernised in accordance with the new changes in legislation.

Mr. Went described the situation that led Burlington Spraybooth Services Ltd. to invest in a Casella MICRODUST,

*"In 1998 we received a number of enquiries from worried Body Shop Managers concerned that the level of paint particles and dust may be exceeding government set Environmental Regulations. We were not in possession of any monitoring equipment and this meant that we were unable to carry out the relative tests. We therefore decided to look into the purchase of an electronic meter to monitor the levels of paint particles and dust that are being emitted from our customers' Spraybooths."*

*"After much deliberation it was decided that we should invest in a Casella MICRODUST. The first thing that we were aware of was its light weight, this was an important consideration for us as engineers often have to take readings from awkward places, such as on high level extract ductings and flues."*

*"We were concerned that the MICRODUST may be complex to operate but nothing was further from the truth. The instructions were clear and concise and contained all the information that was required."*

*"The graphical displays are very useful for interpreting readings and customers have*

*already commented on how quick, easy and professional we are to present the findings of the MICRODUST tests."*

*"It is now common practice for us to offer an optional MICRODUST reading and printout, via a lap top computer, on every maintenance service that our engineers attend."*

*"As the new millennium approaches, Burlington Spraybooth Services Ltd. aim to be as efficient as possible and with information technology and back up provided by companies like Casella, we believe this is possible."*

Spraybooth emissions monitoring



#### BRITISH SKY BROADCASTING

Mr. Bill Wells, Company Safety Officer at British Sky Broadcasting, demonstrates one of the more unusual applications of the MICRODUST. Since its purchase the MICRODUST can be found in a variety of locations at BSKyB; from the studios to Prince Naseem Hamed's boxing ring.

The main function of the MICRODUST at BSKyB is to monitor the level of the mineral oil mist, a special effect that is widely used during filming of major sporting events. Bill Wells uses the MICRODUST to ensure the level of mineral oil mist is in compliance with the Health and Safety Executive (HSE) occupational exposure limit. If the crew and public are exposed to levels above the published EH40 limit there is a possibility that

it could result in respiratory disorders such as asthma. The ability of the MICRODUST to produce current data in mg/m<sup>3</sup> and time weighted average (TWA) data makes complying to the HSE exposure limits a simple process.

Mr. Wells believes that the Casella MICRODUST is an invaluable safeguard for BSKyB and any company that uses mineral oil mist. The MICRODUST datalogging facility protects the interests of BSKyB by providing an accurate and reliable record of the levels to which the crew has been exposed. At BSKyB the data printouts are also attached to the risk assessments for future reference. In addition to the archiving of data the LCD display shows instantly the mist levels in mg/m<sup>3</sup>; vital information to allow the team to decide when a break in production or a change of crews is necessary.

The MICRODUST's first assignment at BSKyB was at a Chris Eubank boxing match. 'Outside broadcasts' of this nature involve highly sophisticated equipment and large numbers of crew.

Mr. Wells reported that, *"The MICRODUST was an essential piece of equipment during this broadcast and still cost less than a weekends' catering for the crew!"*

He believes that after only 3-4 broadcasts the MICRODUST had, *"Paid for itself."*

Another useful feature for Mr. Wells is that the MICRODUST is portable, an obvious benefit during outside broadcasts all over the UK. BSKyB also make full use of the long operating time of the MICRODUST and typically during one day's filming the MICRODUST is in operation for 8-9 hours.

As the fastest growing Television Company in the UK, BSKyB make full use of their MICRODUST and intend to purchase more in the future.

*"The MICRODUST is simple to understand, operate, clean and calibrate and with the comprehensive software package the data can be recovered quickly and easily."*