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پیوست: ندارد

بیمارستان فوق تخصصی آیت... یثربی (ره)



موسسه محب سلامت کاشان



تندیس زرین
سومین جشنواره
ملی صنعت
سلامت معور



تندیس زرین
پنجمین همایش
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مشتری مداری



نشان عالی مدیریت
در پنجمین اجلاس
سراسری نشان عالی
مدیر سال



9001:2015
45001:2018
14001:2015
22420:1396



Subject: Report on the Outcomes from the Use of Industrial DP Air Purifiers at Ayatollah Yathribi Hospital

Dear Management Team of Dust & Pollution,

With respect, I hereby submit the report and results obtained from the use of the DP industrial air purifiers at the specialized Ayatollah Yathribi Hospital in Kashan as follows:

- Ayatollah Yathribi Hospital has initiated the provision of five industrial DP air purifiers equipped with HEPA 14 filters on a pilot basis, sourced from your knowledge-based company. These devices have been installed and operated in the operating rooms and isolation rooms.

After installation and commissioning of the DP air purifiers in the operating and isolation rooms, hospital authorities conducted environmental testing equipped with these devices through the specialized and super-specialized Matini Kashan Hospital laboratory.

The test results from the laboratory indicated:

1. In the operating rooms, there was no growth of microbial and fungal contamination in the air.
2. In the isolation rooms, which also accommodated infectious patients, the tests showed a significant reduction in bacterial and fungal growth, with results showing rare growth (one or two colonies) and few growths (3×10 colonies).

Example: An individual releases 200,000 respiratory aerosols per minute, resulting in approximately 288 million particles over 24 hours, potentially contaminated with infectious bacteria and diseases. The use of air purification devices significantly reduces air contamination levels by bacteria and fungi.

Overall, the performance of the air purification devices in hospital environments has not only directly impacted patient health but also significantly improved the safety and psychological security of the medical staff and physicians active in these areas.

Sincerely,

Dr. Mostafa Sarvizadeh
Hospital Director



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