



Grundfos **Case Story** - Grand Mercure Jakarta Harmoni, Indonesia

# Simple pump replacement resolves noise pollution at popular Jakarta hotel

*Hotels offer a relaxing escape from the hectic everyday life as well as a place to rest while on business. Either way, it is fair to expect a quiet environment to help you achieve a peaceful night's sleep. When Grand Mercure Jakarta Harmoni hotel experienced severe issues with noise, it sought Grundfos' help, and it didn't take long until a solution was found.*

A busy hotel can be quite noisy. Not only due to the guests but also because of the many appliances the hotel relies on to stay in operation, such as a pump station, which can create loud vibrations that disturb and cause discomfort among guests.

Grand Mercure Jakarta Harmoni hotel, a part of the world-leading hospitality group Accor, is one of many 4-star hotels challenged by this problem. With its 483 rooms and suites and location in the heart of Jakarta, the hotel is a popular destination for tourists and people on business, and providing its guests with a peaceful, quiet environment is essential to them.

## The solution

When the Grundfos-authorized dealer "PT Toyasae Berkah Abadi (TBA)" performed an installation check on site, they discovered that the existing water supply pumps were old and extremely noisy. And the best solution was simply to replace them.

Upon receiving management approval, TBA replaced the old end-suction pumps with a brand-new, modern, and efficient pumping system from Grundfos. The complete package included local VSD 4 CRIS-04@ 4 kW and professional installation and commissioning by the TBA team.

**GRUNDFOS** 

Possibility in every drop



*The new Grundfos booster system is modern, efficient pumping system which reduces noise and vibration.*

### The outcome

With the new pumping system in place, the vibration and noise issues were no more. Not only that, but the new solution also proved more reliable and efficient than the previous one. Overall, the hotel management team at Grand Mercure Jakarta Harmoni Hotel was delighted with the performance of the Grundfos booster system as well as the professional and thorough work carried out by TBA.



*The new control panel*



*The existing water supply pumps were inefficient and noisy.*