

THINGS YOU MUST DO BEFORE YOU BUY AN OZONE SYSTEM

Selecting and buying an ozone system in India can be very dicey. Since the legal system is very tedious process and many buyers do not want to get into such a mess, the least thing you could do is to exercise caution while you buy an ozone system. It may take you little bit longer to make a purchase decision but you are sure that you do not end up with ornamental ozone systems.

Step 1: Check out exactly how much ozone you require. Do not go by hear say. It has become almost common for an ozone supplier to suggest to you 5 to 10 times more ozone dose than it is required for your application, because that system produces 5 to 10 times lesser ozone that it is supposed to produce .

Step 2: Get detailed technical specification from the Manufacturer. By studying the technical specs, you will know 100 percent if the ozone system is capable of producing the ozone required for your process .There is no short cut for this. Get from one or two suppliers and compare. Get help from some consultants. When you buy a TV or a smart phone you get all the information you want, you ask your friends, your browse through the internet for the best buy, than why not for an ozone generator?

Step 3: An ozone application includes injecting

ozone into the water. This is a very important step. Check out exactly how this is being done. If through injectors, get details on the injectors and pumps. Do not compromise on locally fabricated injectors. Buy branded injectors even though you pay little more. This is also a safety aspect as you are sure there is no ozone leakage in the plant room.

Step 4: Ensure you get all the test certificates including ozone production. Get performance data of the venturi and the pump. Check this out and you can find out loop holes in the system.

Step 5: Ask for references and contact numbers. Do not just get and keep them. Call them up and check out. If the OEM takes a long time to provide you with reference numbers, than you know something is wrong. If you are local, it is worth visiting one such installation. Visit or call up installations that are 4–5 years old.

Step 6: Ozone is a toxic gas. Ozone is produced by high voltage. Hence safety is prime most important. Check out all safety aspects of the ozone generator and the process. Ensure you get a operation manual that covers all safety aspects of the equipment and process. Ensure that training in operations is included. Do not buy systems through internet and install yourself. This is a

recipe for disaster.

Step 7: Once you have an ozone system in place, ensure you have a regular mechanism to check out on the system and the process. Because more than 90 percent of the ozone users in the country are not aware if the ozone system is working or producing ozone as required. It is only when there is a process failure, do the user realize that all in not well with the ozone system.

Step 8: Please note. Your nose is very sensitive to ozone smell. You can smell ozone at 0.01 ppm. So you must understand that if you smell ozone that does not mean that the ozone system is producing ozone as claimed. Xerox machines produce ozone but this is not sufficient for any application of ozone.

Awareness can bring about quality enhancement. If there is no system in place to control unscrupulous selling, the user can enforce discipline. Follow these effective steps and you could have a reliable ozone system in place.

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