

第26屆國家磐石獎

The 26th National Award of
Outstanding SMEs



傑智環境科技股份有限公司

JG Environmental Technology Co., Ltd



董事長 張豐堂先生
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推薦單位：臺灣環保暨資源再生設備工業同業公會
中小企業信用保證基金

營業項目：空氣污染防治及其能資源回收設備與系統(Total Air Solution)之設計、規劃、製造與安裝的系統整合技術服務(有關空氣側氣體淨化、除臭、除煙霧及溶劑回收與節能的專業技術整合服務)

產品名稱：沸石濃縮設備(轉輪或轉環)+焚化爐系統、冷凝吸收洗滌器、流體化浮動床溶劑回收設備、VPSA溶劑回收處理設備、除煙除酸除臭觸媒吸附設備、生物濾床/生物滴濾塔、Oven 有機廢氣熱能回收設備、常溫觸媒氧化除臭設備、濕式洗滌塔(+高級氧化)系統



<http://www.jgok.net>

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Recommended by :

Taiwan Environmental Manufacturers Association

Small&Medium Enterprise Credit Guarantee Fund of Taiwan

Business Items :

Total Air Solution

Air pollution controlling and energy-saving technology integration services (Gas purification, deodorant, smog removing, solvent recovery and energy saving integration services)

Products :

Rotor Concentrator & Thermal Oxidizer 、 Condensing Absorber 、
Fluidized Bed Solvent Recovery Equipment 、 VPSA/ Solvent
Recovery Equipment 、 De-Smoke, De-Acid Gas & De-Odor Catalyst
Adsorption Equipment 、 Biofilter 、 Clean Oven Energy Saving Unit 、
Room Temperature Catalyst assisted with Ozone for Deodorizing
、 Acid/Base Exhaust Scrubber (+AOP) System



塗佈業VOCs治理設備 Coating industry treatment system



公司大門全景和辦公室全景
The front view of JG headquarter



研發部門 Research department



生產線作業情形 The product line

傑智環境科技自2006年成立以來，即著眼於價值創新，以開發綠色產品技術的經營信念，針對投入新技術之研發、市場開發和產品推廣，提供高科技電子廠、PU合成皮業、膠帶製造業、表面塗佈製造業、印刷業及化工廠等產業，有關空氣側氣體淨化、除臭、除煙霧及溶劑回收與節能的專業整合服務。做為專業空氣污染控制及節能技術整合服務團隊，提供給客戶「全方位的空氣淨化與節能專業」服務 (Total Air Solution)。傑智創新研發團隊之目標為「當產業界有空氣污染的問題，第一個想到尋求解答的公司就是傑智 (JG is the Solution)」。

深耕專業 持續創新 深受客戶肯定

傑智以不斷推陳出新技術應用於產業界，協助業界解決習有技術無法處理之環保問題，包括對於揮發性有機廢氣處理而習有沸石轉輪焚化系統技術之性能改良提升，以及創新開發之流體化浮動床有機溶劑回收設備、凝核成長吸收設備、除酸除煙設備、異味處理設備等關鍵改良技術專利，協助產業解決廢氣中有機溶劑回收、黃煙酸氣處理與異味去除等環保問題，截至本（2017）年9月共計申請國內外專

利218件，已獲證有142件，其中發明專利超過60%，佈局專利完整，為同業第一。

長期以來針對客戶的廢氣特性及需求，除提供專業的解決方案，更進一步建議顧客多樣化的規劃及選擇，最終目的在提供客戶客制化完整的解決方案；在屬於傑智專業範疇中提供最佳服務，讓客戶毫無後顧之憂全心發展事業。業務及工程部門隨時與客戶保持聯絡，了解客戶使用狀況及遇到的問題，以長期服務每位客戶為目標，舊客戶再購率高且熱心轉介紹同業廠商，獲得客戶滿意回饋與長期支持。

育才、留才 優渥福利制度

公司從成立至今致力於培養一流人才，鼓勵員工不斷精進本職技能，對於在職員工或新進員工具備行政院勞動部四大類技術士證照者，額外給付津貼方案予以獎勵，創造員工主動進修學習的文化。另外傑智亦提供優於相關行業至少20%的薪資水準作為敘薪目標，並設置完善的獎金、至少盈餘10%的員工分紅制度，同時也訂定員工認股權證辦



同仁教育訓練 Staff training course

法，激勵員工及提高員工對公司之及歸屬感。員工福利優厚，每年年底為感念員工的辛勤付出，皆提撥高額獎品供員工抽獎，與員工同樂，定期舉辦員工旅遊，旅遊補助除員工外，眷屬亦享有該項福利，讓同仁可攜家帶眷一起同樂，整個傑智就是一個溫馨的大家庭。

開創藍海市場 乾淨空氣守護者

傑智創新研發之目標除為提升公司競爭力，開創藍海市場外，更是為致力解決現階段國內外產業嚴重之揮發性有機廢氣空氣污染的問題，各項研發設備都為了更有效處理產業界空污問題並降低企業成本。每年積極協助參與，包括經濟部工業局、各縣市環保局，甚至大陸地區環保局、環科院等機構，對於產業空氣污染問題，提供現場技術輔



會議討論情景 Case discussing

導，或參與數十場空污技術研討會及技術交流擔任講師，無私的將相關適合產業的揮發性有機廢氣處理(VOCs laden exhaust air)之空污治理技術分享給產業界。並從2015年以來對大專院校持續提供實習名額，幫社會培養處理空氣汙染問題治理的專業人才。

傑智11年來本著根留台灣、永續經營理念，堅持主要設備均台灣設計與製造，2011年後陸續接獲中國大陸高科技廠大單，雖面臨低工資國家如大陸、東南亞國家等產品競爭，仍堅持「台灣傑智」優良品質產品理念，積極研發新技術、區隔競爭產品、強化市場競爭力，開創藍海市場。▲



卓越事蹟 Our achievement



JG Environmental Technology Co., Ltd. was founded in 2006 and has kept focusing on the value of innovation and development of green products, especially engaging in new technology research; market development and product promotion; helping to provide totally integrated services, including the industry-

related air side of gas purification, deodorant, smoke and solvent recovery, and energy saving professional integration services for the high-tech electronics industry, the PU synthetic leather industry, tape manufacturing, surface coating, printing and chemical plants, and so on. As a professional air pollution control and energy-saving technology integration services team, we hope to provide our customers with "Total air purification and energy saving services" (Total Air Solution). The goal of our innovative R&D team is "When the industry has air pollution problems, JG team is the first choice of the solution - JG is the solution!"

Deep cultivating in professional skill, continuous innovation, appreciation by the customer

JG is committed to offering innovation technology to industries, which helps the industries solve their environmental problems that existing methods cannot solve effectively. These include the improvement of the performance of the zeolite concentrator and thermal incinerator system for volatile organic compounds (VOCs) treatment; as well as the development of fluidized beds for organic solvent recovery equipment, nucleation growth and absorption equipment; in addition to acid and smoke removal equipment, odor treatment equipment applying key improvement technology patents to help industries handle the waste gas, including organic solvent recovery, yellow smoke and acid gas treatment, odor removal and other environmental issues. Up to September 2017, JG has already applied 218 patents (domestic and foreign) and has



員工旅遊 Staff travel

been certified 142 patents, of which more than 60% are innovation patents, making our patent setup comprehensive and leading at a profession level.

For a long time, in view of our customer's exhaust gas characteristics, we not only provide professional solutions, but also give further suggestions for our customers to diversify planning and selection, and the ultimate goal is to provide customers with customized solutions. With JG's best service and support, customers worry about nothing, and need only to focus on industry development and expansion. We are deeply concerned by the problems customers encounter, so our sales and engineering departments keep in touch with customers to track the situation of those using our products, in order for us to maintain long-term service for each customer. Our customer re-purchase rate is excellent, and they are willing to refer us to their similar industry profession, showing that JG has earned customer satisfaction and long-term accreditation.

Talent training and conservation, Employee benefits

Since the first day of the company's establishment, JG has been committed to cultivating first-class talent and encouraging employees to constantly improve their skills. Moreover, our employees or junior staff who possess four major categories of technician license (issued by Labor Department of the Executive Yuan, R.O.C) will be granted additional payment subsidy packages, which rewards and motivates staff to take initiative, and inspires a self-improvement culture. In addition,

JG also provides a bonus at least 20% higher than the salary level of the relevant industry as a reward target, sets an excellent bonus policy that provides at least 10% of the revenues in the employee's dividend system, and sets a staff warrant approach to motivate employees belongingness to the company. In addition to generous employee benefits, to thank the hard-working staff, we offer high value prizes to team members and have fun with the whole staff at the end of each year. We also hold regular staff travelling activities and offer travel subsidies for staff and their families, so they can enjoy trips with their families. We do believe the company is just like a team - a warm family.

Create a blue ocean market as a Clean air guardian

JG has been devoted to the concept of being rooted in Taiwan and insisting sustainable development for 11 years, adhering to major equipment designed and manufactured in Taiwan. Since 2011, JG has been received orders from high-tech industries in mainland China. Although we have also faced the competitions from low-wage countries, such as the mainland and Southeast Asian countries, JG has still been committed to the slogan "JG, Taiwan Excellence Company". With excellent product quality, the research of new technology, the classification of several competition products, strengthening market competitiveness, JG created a blue ocean market.

In addition to enhancing the competitiveness of the company and creating a blue ocean (niche) market, JG is also dedicated to solving the domestic and international industries serious problem of volatile organic air pollution. JG innovative equipment is more effective in dealing with industry pollution problems and reducing business costs effectively. Each year, JG participates in several government and association projects, including those from the Ministry of Economic Affairs, the County Environmental Protection Bureau, and even the mainland China Environmental Protection Agency, Central Academy of Sciences and other institutions, for industrial air pollution problems on-site technical counseling, or participation in dozens of air pollution



員工季會活動 Staff welfare

technology seminars and technology exchange fairs as a lecturer. JG shares our experience selflessly to the industry for the VOCs waste gas treatment (VOCs laden exhaust air) of the air pollution control technology.

Since 2015, JG has continued to offer the intern plans of colleges and universities, which helps our country train the professional technicians who can deal with air pollution management. ▴

綜合評語 Commentary

善用政府資源，累積創新研發能力，關鍵技術發展策略主要著重專利技術布局，所研發技術均申請專利，以提升公司核心競爭力。設計研發團隊擁有豐富經驗，可依不同產業需求，提供最佳方案供客戶選用，讓環保需求與經濟效益並存，值得肯定。

With the proper use of government resources and accumulation of innovative capability in research and development, this company focused on technologies with the potential of patenting as its development strategy. This company applies for patent registration for all the technologies being developed to upgrade its core competency. The design and development team of this company is well experienced and can provide optimum solutions for the customers and for the different needs of the different industries. It keeps a proper balance between environmental needs and economic efficiency, which should be recognized.