

Curriculum Vitae – Yukio Sotoyama, Consultant

R08

Y/M/D 2021/6/09

Academic (Educational)		
	Y/M 1975 /03	Graduated from Hakodate National College of Technology
	Y/M 1954 /12	Born in Hokkaido, Japan

Employment, background		
	Y/M 2007/04	Consultant of Sotoyama Consultant Office
	Y/M 2007/03	Retired Ebara corporation
	Y/M 1975 /04	Joined Ebara corporation

Overseas experience (Short term, long term, etc.)		
	Y/M 2019/12	~ Consultation of industrial pump development
	Y/M 2019/07	Consultation of pump technology and development
	Y/M 2019/03	~Y/M 2019/12 Consultation of industrial pump design
	Y/M 2019/03	~ Consultation of API pump design
	Y/M 2018/10	~Y/M 2019/01 Consultation of API pump design
	Y/M 2018/01	~Y/M 2018/07 Consultation of pressed pump development
	Y/M 2018/01	Consultation of industrial pump development
	Y/M 2017/10	Cause and measure on a API pump Fire
	Y/M 2017/09	Explanation of pump technology
	Y/M 2015/06	~Y/M 2015/11 Technical consultant of an overseas manufacturer
	Y/M 2015/02	~Y/M 2015/03 Technical consultant of an overseas manufacturer
	Y/M 2014/01	~Y/M 2014/02 Technical consultant of an overseas manufacturer
	Y/M 2013/01	~Y/M 2013/03 Technical consultant of an overseas manufacturer
	Y/M 2012/05~	Technical consultant in overseas
	Y/M 2012/04~	API 610 taskforce member
	Y/M 2011/12	~Y/M 2012/04 Technical consultant of an overseas manufacturer
	Y/M 2011/09	~Y/M 2012/08 Technical consultant of an overseas manufacturer
	Y/M 2010/12~	Technical consultant in overseas
	Y/M 2010/01	~Y/M 2010/12 Technical consultant of an overseas manufacturer
	Y/M 2007/10	~Y/M 2008/03 Japanese deputy of an overseas manufacturer
	Y/M 2006/10	Joined an ISO/API international meeting in USA for 10 days
	Y/M 2006/04	Joined an ISO/API international meeting in USA for 6 days
	Y/M 2004/05	Joined an ISO international meeting in UK for 9 days
	Y/M 2003/02	Technical meeting with engineers in Korea for 3 days
	Y/M 1998/04	Giving lectures on fluid machinery in India for 10 days
	Y/M 1995/03	Giving lectures on fluid machinery in India for 8 days
	Y/M 1994/11	Giving lectures on fluid machinery in the Philippines for 6 days
	Y/M 1991/11	Giving lectures on fluid machinery in Indonesia and Singapore for 10 days
	Y/M 1987/05	Investigation an expected joint company in India for 53 days
	Y/M 1986/10	Troubleshooting in USA for 6 days
	Y/M 1985/09	Supervising on installing pumps in the docks in India for 19 days
	Y/M 1984/03	Technical meeting with Engineers and Customers in India for 12 days
	Y/M 1983/05	Technical meeting with Engineers in USA for 8 days

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Degree, qualification, license, etc.	
Y/M 2007/04	Member of the Turbo machinery association, Japan
Y/M 2006/09	Registered Qualified Energy Manager
Y/M 2006/05	Member of the Institution of Professional Engineers, Kanagawa-pref.
Y/M 2006/03	Registered Professional Engineer Japan (Technical management)
Y/M 2005/05	Member of the Institution of Professional Engineers, Japan
Y/M 2005/03	Registered Professional Engineer Japan (Mechanical)
Y/M 2005/03	~2007/03 Member of ISO 13709/API 610 JWG(Joint Working Group)
Y/M 2000/04	~Y/M 2002/03 Committee member of JIS, Pumps
Y/M 1999/04	~Y/M 2007/03 Committee member of ISO TC115, Pumps
Y/M 1973/04	Eiken 2 nd class

Notable records (Essays, papers, lectures etc.)	
Books	
Y/M 2016/09	Intelligible book of pump technologies (P159, The Nikkan Kogyo Shimibun)
Y/M 2014/11	Basic of pump technologies with pictures (P223, The Nikkan Kogyo Shimibun)
Y/M 2014/02	Pump selection and Trouble countermeasures (P223, The Nikkan Kogyo Shimibun)
Papers	
Y/M 2018/02	Pump technologies and the outlook (The Nikkan Kogyo Shimibun, February 1)
Y/M 2016/07	Pump technologies and the outlook (The Nikkan Kogyo Shimibun, July 4)
Y/M 2013/07	Pump technologies and the outlook (The Nikkan Kogyo Shimibun, July 7)
Y/M 2013/02	Pump technologies and the outlook (The Nikkan Kogyo Shimibun, February 7)
Y/M 2012/07	Pump technologies and the outlook (The Nikkan Kogyo Shimibun, July 12)
Y/M 2010/02	A technique of mechanical energy-saving on pumps (IPEJ, 2010/02)
Y/M 2009/04	Oil filters and their auxiliaries (Yukuatu, 2009/04)
Y/M 2009/01	Technical consulting handbook (Ohm, 2009/01)
Y/M 2008/08	Countermeasures against particles on manufacturing (Nikkan Kogyo, 2008/08)
Y/M 2007/08	Trend and outlook on refinery pumps of ISO 13709/API 610 (Turbo machinery, 2007/08)
Y/M 2007/03	Report and outlook on an ISO 13709/API 610 International meeting
Lectures	
Y/M 2020/04	Centrifugal Pump basic design _ WEB
Y/M 2019/10	Centrifugal Pump basic design
Y/M 2019/01	Centrifugal Pump basic design
Y/M 2018/11	Centrifugal Pump basic design
Y/M 2018/02	Centrifugal pump basics and trouble countermeasures
Y/M 2018/01	Centrifugal Pump basic design
Y/M 2017/11	Centrifugal Pump basic design
Y/M 2017/02	Centrifugal pump basics and trouble countermeasures
Y/M 2017/01	Centrifugal Pump basic design
Y/M 2016/11	Centrifugal Pump basic design
Y/M 2016/01	Centrifugal Pump basic design
Y/M 2015/09	Centrifugal Pump basic design
Y/M 2015/06	Centrifugal pump basics, selection and trouble countermeasures
Y/M 2015/03	Pump selection and trouble countermeasures
Y/M 2015/02	Energy-savings on pumps and fans
Y/M 2015/01	Pump basic design

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Y/M 2014/11	Pump basics and trouble countermeasures
Y/M 2014/10	Pump basic design
Y/M 2014/05	Energy-savings on pumps and fans
Y/M 2013/11	Energy-savings on pumps and fans
Y/M 2013/10	Pump design and its auxiliaries
Y/M 2013/08	Pump troubles and their countermeasures
Y/M 2013/03	Pump design and its auxiliaries
Y/M 2012/12	Pump design and its auxiliaries
Y/M 2012/09	Pump basic design
Y/M 2012/07	Pump basic design and its auxiliaries
Y/M 2012/06	Pump troubles and their countermeasures
Y/M 2011/07	Pump basic design and its auxiliaries
Y/M 2009/10	Pump design and its auxiliaries
Y/M 2009/07	Pump troubles and their countermeasures
Y/M 2008/11	Pump design and its auxiliaries
Y/M 2007/11	Pump design and its auxiliaries
Y/M 2007/03	A development of a small circulation pump using for a fuel cell
Y/M 2006/05	My globalization began by the word my teacher talked
Y/M 2006/03	A trouble case that a pump produces air—its causes and countermeasures
Patents	
	54 proposed, 14 registered regards as pumps, motors, energy savings etc.

Domestic experience (Short term, long term, etc.)	
Y/M 2018/03	~Trouble measure of pumps
Y/M 2017/03	~Y/M 2017/12 Consultation of industrial pump development
Y/M 2017/03	Consultation of a sound check of pumps
Y/M 2017/02	Explanation of a coupling for API pumps
Y/M 2017/01	~Consultation of industrial pump development
Y/M 2016/08	Trouble measure of high-pressure pumps
Y/M 2016/02	Consultation of a market trend of pumps
Y/M 2015/12	~Y/M 2016/02 Investigation of the energy conservation of pumps
Y/M 2015/04	~Consultation of industrial pump development
Y/M 2014/07	~Y/M 2017/02 Explanation of API 676
Y/M 2014/07	Consultation of application for special purposes
Y/M 2014/03	Validity evaluation of a pump casing thickness
Y/M 2012/04	~Y/M 2015/05 Consultation of pumps and educating engineers
Y/M 2012/04	~Y/M 2014/09 Consultation of plant energy savings
Y/M 2011/05	~Y/M 2012/04 Consultation of automation of to performance test facility
Y/M 2009/07	~Y/M 2010/03 Supervisor of equipment building
Y/M 2008/07	~Y/M 2009/04 Energy conservation check
Y/M 2007/10	~Y/M 2014/02 Consultation of API pumps
Y/M 2007/07	~Y/M 2007/09 Support of research and development
Y/M 2007/05	~Inspector of rotating machines as 3rd party

Main achievements before consultant	
Y/M 2005/03	An investigation and development of improvement of pump efficiencies

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Y/M 2002/11	A development of a small circulation pump using for a fuel cell
Y/M 1997/06	A plan, design and make of pump and motor super-heating bed and system
Y/M 1996/06	A plan, design and make of pump performance testing bed and system
Y/M 1994/04	A development of canned motor pumps with a self circulation
Y/M 1993/01	A proposal for pumps exported and negotiation with customers
Y/M 1990/04	A study on active magnetic bearings
Y/M 1988/07	A development of horizontal and vertical screw pumps and reduction in cost
Y/M 1982/04	A development of double suction pumps and inline process pumps
Y/M 1981/04	A development of lubrication of pump bearings
Y/M 1980/09	A study on improvement of pump efficiencies