

Operation, Maintenance and Inspection of Johkasou

To realize performance in line with the design of Johkasou, the device must be used correctly. The Johkasou manager has a statutory obligation, as the person responsible for the operation of Johkasou, to periodically conduct maintenance and remove the sludge accumulated in the Johkasou as outlined in the Johkasou Act.

Since not every Johkasou manager possesses specialized knowledge regarding maintenance and desludging, the works of maintenance and desludging are mainly entrusted to Johkasou maintenance vendors and Johkasou desludging vendors. Another statutory obligation requires that Johkasou managers receive an annual inspection to evaluate whether the maintenance and desludging were correctly executed and to confirm that the unit is performing as designed. The water quality inspection is executed by an inspection agency specified by the prefectural governor.

Johkasou technicians responsible for operation/maintenance, desludging and legal inspection are Johkasou Operator, Johkasou Desludging Technician and Johkasou Inspector, respectively.

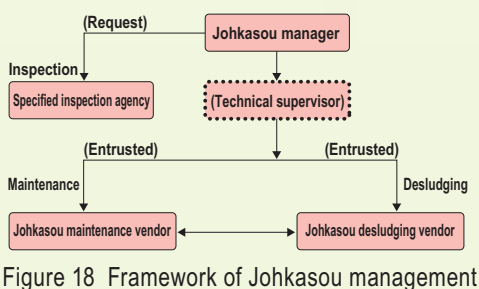
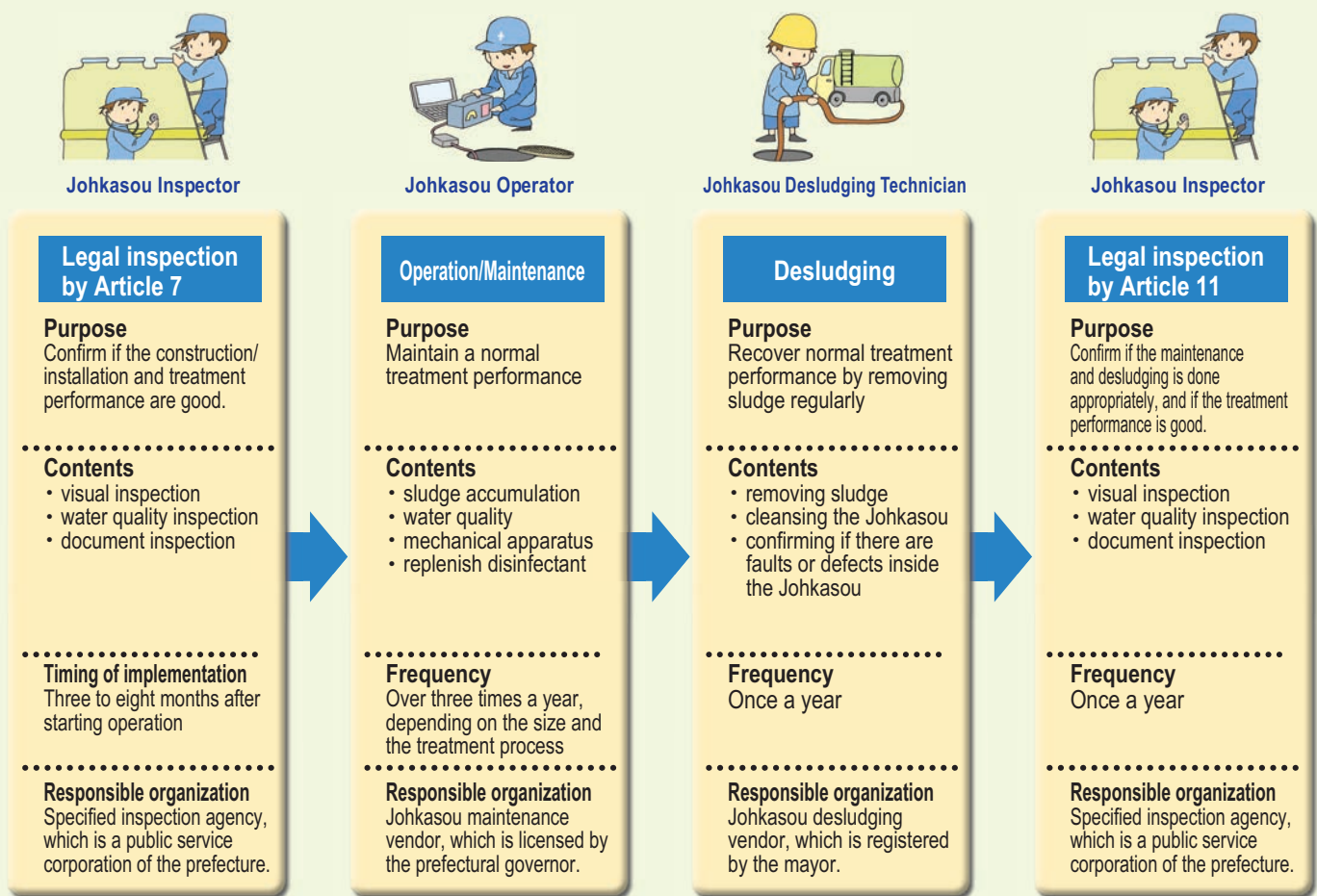


Figure 18 Framework of Johkasou management

Column 6 Johkasou technicians and vendors

Qualifications/vendors	Registrant/ number of vendors	Business content	Legal basis
Johkasou Operator	80,042	Operation and maintenance	Johkasou Act
Johkasou Installation Worker	86,595	Installation/construction	
Johkasou Technical Supervisor	29,794	Management of Johkasou with 501 PE or more	Enforcement regulations of Johkasou Act
Johkasou Desludging Technician	16,021	Desludging	
Registered Johkasou Inspector	1,280	Legal inspection	
Specified Inspection Agency	65	Legal inspection	
Johkasou manufacturer	18	Research, development and manufacture	
Johkasou maintenance vendor	12,435	Operation and maintenance	Johkasou Act
Johkasou desludging vendor	5,291	Desludging	
Johkasou Installation vendor	28,356	Installation/construction	

(as of the end of FY2015)