

## **Packing**

Red Valve Company's packing design is unique and proven. All other knife gate valve manufacturers have a deep chest where the packing is retained. When the packing needs to be replaced in a conventional knife gate valve, the task becomes quite difficult, as the yoke and gate of competing designs need to be removed in order to access the packing.

Red Valve's design makes use of an external stuffing box. Because there is no valve chest, sludge and grit cannot accumulate and dewater in the valve.

To replace the packing on Red Valve's Knife Gate Valve, leave the valve in line and simply drop the line pressure to zero. Then detach the stem from the gate, spin the handwheel to back-off the stem, then simply "walk" the packing stuffer box off the gate. Maintenance personnel can then repack the stuffing box in an area next to the valve. Better yet, keep a spare packing gland on hand, which will in turn, make changing the packing even quicker.

# Packing Replacement Made Easy

In comparison to other knifegate valves, Red Valve's Flexgate design excels in the harshest of slurry services.

Packing used in a Flexgate is captured in an external stuffing box. When the packing first starts to leak, simply tighten the packing stuffer bolts to extend packing life. When the packing needs replaced, the valve can be left in line.

Packing can be changed by following six simple steps:



**1.** Bring the line pressure to zero.

**2.** Detach the gate clevis bolts.



**3.** Rotate the handwheel to provide clearance for the removal of the packing gland.



**4.** Remove the packing gland bolts and lift the packing box off the gate.



**5.** Replace the packing gland assembly.

**6.** Re-fasten the gate and packing gland bolts.