FIIG	Title	INC(s)	Due Date
A209A	HOSE, PIPE, AND TUBE FITTINGS, QUICK DISCONNECT AND SELF-SEALING	12	May 7, 2004

Delete App Keys H and K.

INC Changes:

Move INC 37235 (COUPLING HALF, GROOVED CLAMP CONNECTING), App Key K to FIIG A80B0 with related INCs 42210 and 37198.

Add INCs 52821 (ADAPTER, QUICK DISCONNECT, FIRE HOSE), App Key B and INC 52822 (COUPLING, QUICK DISCONNECT, FIRE HOSE), App Key A from FIIG A239.

INC 29763 (REDUCER, QUICK DISCONNECT) from App Key H to A

INC 18281 (COUPLING HALF, SELF-SEALING), App Key C - Modify definition to read: A fluid line fitting having a hose, pipe, tube or **boss connection** or a through hole to accommodate BOLT, FLUID PASSAGE on one end. The other end must have an external or internal thread for connecting a mating part to form a self-sealing coupling assembly. The fitting has either a self-sealing feature for the purpose of automatically shutting off the flow of fluid when disconnected from its mating half, or, if it has no self-sealing feature, is specifically designed to mate with a fitting with a self-sealing feature. For self-sealing fittings with a quick disconnect end, see COUPLING HALF, QUICK DISCONNECT. For fluid line fittings without a self-sealing feature, see COUPLING (as modified)."

INC 18681 (COUPLING HALF, QUICK DISCONNECT), App Key B - Modify definition to read: A fluid line fitting having a hose, pipe, tube or **boss connection** or a through hole to accommodate BOLT, FLUID PASSAGE on one end. The other end must have an internal or external quick disconnect feature for connecting a mating part to form a quick disconnect coupling assembly. The fitting may incorporate a self-sealing feature for the purpose of automatically shutting off the flow of fluid when disconnected from its mating half. For self-sealing fittings with an external or internal threaded disconnect end, see COUPLING HALF, SELF-SEALING. See also CONNECTOR, MULTIPLE, FLUID PRESSURE LINE."

INC 29761 (ELBOW, QUICK DISCONNECT), App Key F - Modify last sentence in definition to read "For elbow type fluid line fittings with a quick disconnect feature on one end and a hose, pipe, tube or **boss connection** on the other end, see COUPLING HALF, QUICK DISCONNECT."

INC 29764 (WYE, QUICK DISCONNECT), App Key J - Definition modified to read "A fluid line fitting shaped to form the letter "Y" with a quick disconnect feature on the branch ends and having a hose, pipe, tube, boss or quick disconnection on remaining ends."

INC 33081 (NIPPLE, QUICK DISCONNECT), App Key A - Definition modified to read “A straight fluid line fitting having external quick-disconnect features of the same size on both ends, designed to couple mating internal quick-disconnect fittings.”

MRC Changes:
*** as required**

Delete MRC CQRG (BODY MATERIAL) and replace with MRC MATT (MATERIAL)

Delete MRC CSHZ (BODY MATERIAL DOCUMENT AND CLASSIFICATION) and replace with MRC MDCL* (MATERIAL DOCUMENT AND CLASSIFICATION)

Delete MRC CRST (BODY SURFACE TREATMENT) and replace with MRC SFTT* (SURFACE TREATMENT)

Delete MRC CQWW (BODY SURFACE TREATMENT DOCUMENT AND CLASSIFICATION) and replace with MRC STDC* (SURFACE TREATMENT DOCUMENT AND CLASSIFICATION)

Delete MRC AAQL (BODY STYLE) and replace with MRC STYL (STYLE DESIGNATOR)

Add MRC MEDA* (MEDIA FOR WHICH DESIGNED)

Delete MRC CQCJ (MAXIMUM OPERATING PRESSURE AND MEDIA FOR WHICH DESIGNED) and replace with MRC CQGM (MAXIMUM OPERATING PRESSURE)

Delete MRC CRWH (MAXIMUM OPERATING TEMP AND MEDIA FOR WHICH DESIGNED) and replace with MRC AEHZ (MAXIMUM OPERATING TEMP)

Delete MRCs ADLU (FIRST FLUID END CONNECTION TYPE) and ADMB (SECOND FLUID END CONNECTION TYPE) and replace with MRC AWLS (CONNECTION TYPE)

Change MRC CQKS* Reply Table (AN73) to read:
AEN ALL ENDS
FEN FIRST END
FSL FIRST LEG
MBY MAIN BODY
SEN SECOND END
SLG SECOND LEG
TEN THIRD END
HEN FOURTH END

Delete MRC CRFG (QUICK DISCONNECT END CONNECTION TYPE) (Included in MRC AWLS, Replies AY and AZ)

Change MRC CBBL Reply Table (AN47) to read:
BQP LOCKWIRE HOLE
ABS REUSABLE END FITTING
AMM SAFETY LOCKING FEATURE
ABT SELF-SEALING
BMA MANUAL SHUT-OFF VALVE
AAV BOLTED FLANGE HOUSING TYPE

Delete MRC ZZZW (DEPARTURE FROM SIGHTED DOCUMENT)

Delete MRC ZZZX (DEPARTURE FROM SIGHTED DESIGNATOR)

Delete MRC ELCD (EXTRA LONG CHARACTERISTIC DESCRIPTION)

Delete ACKN (FIRST END STYLE DESINGATOR) and ACLT (SECOND END STYLE DESIGNATOR) and replace with AHNC* (CONNECTION STYLE)

Delete CQPR (FIRST END SEAT ANGLE) and CRCN (SECOND END SEAT ANGLE) and replace with CQRB* (SEAT ANGLE)

Add CWBZ* (SEAT NOMINAL RADIUS)

Delete ACKT (FIRST END FLANGE SHAPE STYLE) and ACLY (SECOND END FLANGE SHAPE STYLE) and replace with ARKN* (FLANGE SHAPE)

Delete ACLE (FIRST END INSIDE DIAMETER HOSE ACCOMMODATED) and ACML (SECOND END INSIDE DIAMETER HOSE ACCOMMODATED) and replace with CWDW* (NOMINAL INSIDE DIAMETER HOSE ACCOMMODATED) with ISAC for first/second end

Delete ACLF (FIRST END OUTSIDE DIAMETER HOSE ACCOMMODATED) and ACMM (SECOND END OUTSIDE DIAMETER HOSE ACCOMMODATED)
Delete ACLG (FIRST END NOMINAL PIPE SIZE ACCOMMODATED) and ACMN (SECOND END NOMINAL PIPE SIZE ACCOMMODATED) and replace with AAAR* (NOMINAL PIPE SIZE ACCOMMODATED)

Delete CQMM (FIRST END THREAD SERIES DESIGNATOR) and CRPF (SECOND END THHREAD SERIES DESIGNATOR) and replace with THSD* (THREAD SERIES DESIGNATOR)

Delete ACLH (FIRST END OUTSIDE DIAMETER TUBE ACCOMMODATED) and ACMP (SECOND END OUTSIDE DIAMETER TUBE ACCOMMODATED) and replace with CWFD* (NOMINAL OUTSIDE DIAMETER TUBE ACCOMMODATED) with ISAC for first/second end

Delete CQYM (FIRST END NOMINAL THREAD SIZE) and CRNB (SECOND END NOMINAL THREAD SIZE) and replace with MRC CQJX* (NOMINAL THREAD SIZE)

Delete CQKK (FIRST END THREAD QUANTITY PER INCH) and CRMX (SECOND END THREAD QUANTITY PER INCH) and replace with CMLP* (THREAD QUANTITY PER INCH)

Delete CSQH # (FIRST END THREAD PITCH IN MILLIMETERS) and CTDX # (SECOND END THREAD PITCH IN MILLIMETERS) and replace with CQQR* (THREAD PITCH IN MILLIMETERS)

Delete ACLK (FIRST END THREAD CLASS) and ACMR (SECOND END THREAD CLASS) and replace with AAJD* (THREAD CLASS)

Add CTTC (THREAD TOLERANCE CLASS)

Delete ADRN (FIRST END THREAD PITCH DIAMETERS) and ADRP (SECOND END THREAD PITCH DIAMETERS) and replace with AAJE* (THREAD PITCH DIAMETERS)

Add CWTM (NOMINAL COUPLING SIZE ACCOMMODATED)

Delete ACLE (FIRST END INSIDE DIAMETER HOSE ACCOMMODATED) and ACML (SECOND END INSIDE DIAMETER HOSE ACOMMODATED) and replace with AARX* (INSIDE DIAMETER)

Delete ADLV (FIRST END BOLT THRU-HOLE LENGTH) and ADLW (SECOND END BOLT THRU-HOLE LENGTH) and replace with CWCK* (NOMINAL THICKNESS)

Delete ADLX (FIRST END BOLT THRU-HOLE DIAMETER) and ADLY (SECOND END BOLT THRU-HOLE DIAMETER) and replace with CWCQ* (BOLT HOLE NOMINAL DIAMETER)

Appendix B - Changes to Drawing Groups
Group A:
MRCs ADLK, ADLL, and ADLM combined to AHSJ
MRCs AMER and AMHP combined to AASA
Figures 1, 2, 3, 4, 5, 6, and 7 changed to reflect MRCs.

Groups B, C, D, and E - no change

Group G:
Change MRCs ACKP and ACLU to CWDH
Change MRCs ACKQ and ACLV to CWDL
Change MRCs ACKR and ACLW to CWDP
Change MRCs ACKS and ACLX to CWDS
Change Figures 1, 4, 5, 7, and 8 to reflect MRC changes.

Group H:
Change MRCs AAHF and AAHV to CWCD

Change MRCs ACKU and ACLZ to CWCK
Change MRCs ACKV and ACMA to AKGG
Change MRCs ACKW and ACMB to AKGF
Change MRCs ACKY and ACMD to CWCN
Change MRCs ACLA and ACMG to CWCQ
Change MRCs ACLB and ACMH to CWCT
Change MRCs ACLC and ACMJ to CWCY
Change MRCs ACLD and ACMK to CWDC
Change MRCs ACKZ and ACMF to AECS
Change Figures 1,1a, 2, 2a, 3, 3a, 4, 4a, 5, 5a, 6, 6a to reflect MRC changes.

Add Group I: END CONNECTIONS, QUICK DISCONNECT TYPE (reference only, no requirements)

Add Group J: END CONNECTIONS, UNTHREADED FLUID PASSAGE BOLT TYPE (reference only, no requirements)