



TEST

PRODUCT

CORRELATION

REPORT

Title:

Test Site Correlation for IMI Philippines as an additional test site for ADiS LGA iSensor Products

PCN NUMBER:

16_00019

REVISION:

A

DATE:

January 26, 2016

SUMMARY

This report will document the successful correlation of IMI Philippines as an additional test site for the following products, shown in Table 1 below. The parts are grouped into three groups as shown in Table 1. One product from each group (based on product similarities) was selected to qualify the entire group. The selected product used to qualify the group is listed in **BOLD** and underlined in table 1.

Product
<u>ADIS16003CCCZ</u> ADIS16006CCCZ ADIS16080ACCZ
ADIS16201CCCZ ADIS16203CCCZ <u>ADIS16209CCCZ</u>
ADIS16260BCCZ <u>ADIS16265BCCZ</u> ADIS16266BCCZ

TABLE 1 – PRODUCT TRANSFER TABLE

DESCRIPTION AND TEST RESULTS

Table 2 below provides a description of the correlation test conducted and the corresponding test results for the products used to qualify IMI Philippines as an additional test site. All the units listed in table 2 have undergone electrical testing at both the sending and receiving site on the exact same test platform. There is no change to the form, fit, function, quality or repeatability between test sites.

Generic	Sending Site	Receiving Site	Lot Number	Lot Size	Good Units passed on Both Platforms?	Reject units failed on the same test parameters for both Platforms?
ADiS16003	IMI	ADI GBO	10072938	1812	YES	YES
ADiS16209	IMI	ADI GBO	10072937	1604	YES	YES
ADiS16265	IMI	ADI GBO	10069748	446	YES	YES

TABLE 2 – PRODUCT TEST CORRELATION SUMMARY

Table 3 below details the correlation parameters to assure test site correlation between IMI Philippines and ADI Greensboro.

Generic	Lot Number	Lot Size	Test Time Comparable?	Mean Shift Acceptable?	Sigma Shift Acceptable?
ADiS16003	10072938	1812	YES	YES	YES
ADiS16209	10072937	1604	YES	YES	YES
ADiS16265	10069748	446	YES	YES	YES

TABLE 3 – PRODUCT TEST CORRELATION METRICS

CONCLUSION

All ADiS iSensor LGA products are considered correlated between test sites IMI Philippines and ADI Greensboro based on the correlation exercise. IMI Philippines can be used as an additional test site for production test of these products.

SUPPORTING DOCUMENTS

Technical Review Board: TRB#20152046