

# 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

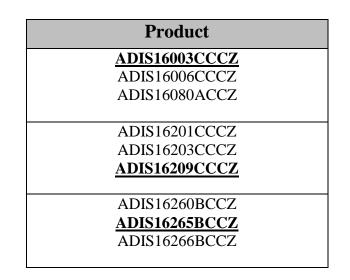
**REVISION:** A

**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 <u>underlined</u> in table 1.



## **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	Receiving	Lot	Lot	Good Units	Reject units
	Site	Site	Number	Size	passed on Both	failed on the
					Platforms?	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	Lot Size	Test Time	Mean Shift	Sigma Shift
	Number		Comparable?	Acceptable?	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