```
        }
    }

    return rslt;
}

/*!
 * @brief This internal API is used to get the memory page based on register address.
 */
static int8_t get_mem_page(struct bme680_dev *dev)
{
    int8_t rslt;
    uint8_t reg;

    /* Check for null pointer in the device structure*/
    rslt = null_ptr_check(dev);
    if (rslt == BME680_OK) {
        dev->com_rslt = dev->read(dev->dev_id, BME680_MEM_PAGE_ADDR | BME680_SPI_RD_MSK, &reg, 1);
        if (dev->com_rslt != 0)
            rslt = BME680_E_COM_FAIL;
        else
            dev->mem_page = reg & BME680_MEM_PAGE_MSK;
    }

    return rslt;
}

/*!
 * @brief This internal API is used to validate the boundary
 * conditions.
 */
static int8_t boundary_check(uint8_t *value, uint8_t min, uint8_t max, struct bme680_dev *dev)
{
    int8_t rslt = BME680_OK;

    if (value != NULL) {
        /* Check if value is below minimum value */
```